

BOOK 6

8482

7517 - 8482

Brazil & New Mexico

Faz favor devolver este
livro a O Senha Doctor
Ferdinando Camargo no
Instituto Agronomico do Norte
na cidade do Belem.

abbreviations

det. D. = determined by A. Ducke.

PEI = " " PEI Wash D.C.

* = no herb spec.

det C = determined by Camargo

det A = " " Archer

det. B = determined by Blake

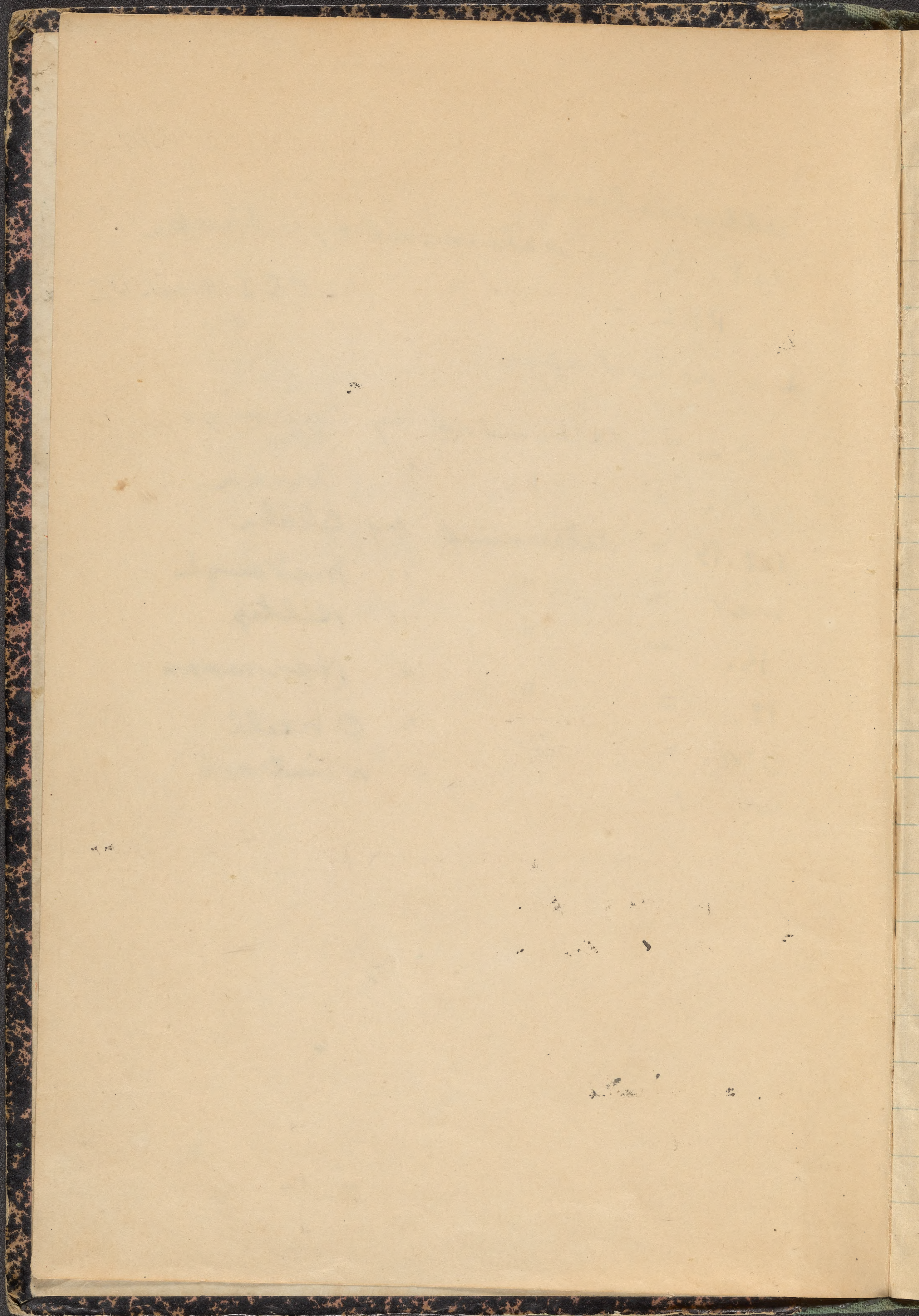
mcv = " " McVaugh

K. = " " Killip

It. = " " Hermann.

O'n = " " O'Neill

W = " " Weintraub



Field Data of Plant Collections
in Amazon Basin, Brazil 1942

W. Andrew Archer

U.S. Dept. Agr. Washington

D.C.

Fungus data at back p.

Abbreviations used.

Fl. = flower

Fr = fruit

m = meters

S.C. = specimen for seed collection

A.S. = " " analysis

S.I. = seed introduction

S.C.I. = stem cuttings for propagation

R.C.I. = root cuttings " "

Sdlg. I = seedlings or young plants for prop.

P = photograph

* no herb spec.

det. D = determined by A. Deucke,

(see fly leaf also.)

un. = unicate

ver = verified by

Field Date of Plant Collection

Chungking, China, April 1943

W. Anderson - Collector

U. S. Dept. Agr. Washington

B.C.

Fraxinus latifolia

Retinospora

Fl. = 1 specimen

Fr. = fruit

as = water

S.C. = specimen for seed collection

" = " "

S.T. = seed in fruit

S.C.T. = other things for propagation

" = " "

S.T. = seedlings in young plants for propagation

P. = photograph

to be kept also.

Det. D. = determined by D. Donk.

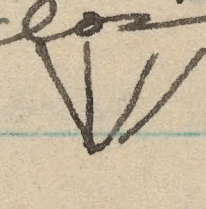
() = " "

for = minute

var. = variety of

- ③ 7517 *Theobroma subincana* ^{mart.} (det. Ducke)
Bosque Municipal, Belém. July 4, 1942
Tree 30 ft. high, sparsely branched.

S.C.

- ③ 7518 *Pavonia Urena lobata* L. det D
"quácima" Grows as weed. Common in
streets of Belém. Also along country roads.
7/6/42 ^{Fer. pink. closing at noon.} Grows  from crown. 6 ft high
matures in 6 mo. Fiber crop. Actually
being used in Belém for gunny sacks
in place of gunnery manila jute. Stems cut
and soaked for 15 days in running ~~filter~~
water.

S. I

see Higbee foto.

- * 7519 ⁷⁵²⁰ *Hernandia guianensis* ^{Aubl.} (det. Ducke)
(Utinga)
Forest reserve of city water supply, Belém
July 8, 1942 Large tree.

- ~~7519~~
7520 *Pentaclethra filamentosa* Bth. det D
② "Braca" "pracaxi"

Very common tree. Flor. white.

A.S. given to Dyke (bark)

Spec. preserved by Don Pedro

- ① 7520 *Brownea longipedicellata* Huber.
Cult. jardim do Museu Goeldi. Belém July 8¹⁹⁴⁰
Large tree; fls. red. Ducke brought the seed
to the garden in 1912 from Rapidos de Cageta,
Rio Cageta, Colombia.

- ③ 7522 ⁷⁵²³ *Manihot dulcis* (J.F.Gmel.) Pax det McV
Bosque de east of Instituto Agron. do Norte
Belém, Para. Brazil. July 12 1942

* 7523 *Mora paraensis* Ducke
Large tree.

S. Coll.

Bignonia alliacea Lam.

- ① 7524 (*Rubia*) (*Adenocalymna* ^{7/9/42} *alliaceum* Miers.)
Cult. maguary Fazenda de Cortimbo
"Cipo de alho"
Cult!
Vine 15 ft. Lvs. smell strongly of garlic and
are used to flavor foods.

- ③ 7525 *Tephrosia toxicaria* Pers.
Cult. fish poison. "Timbo de folha"
"Curramiti"

S.I

7526-7533

Souza, suburb of Belem

7/31/42

- ④ 7526 *Anacardium occidentale* L. D. Blake
PFI
"cacha" cajú"

Large tree in forest. Flr. cream changing to red.

- ④ 7527 (leg.) *Calliandra swinamensis* Bth. det D

Small tree lax branches I-forest

Stamens cream below red above.

- ② 7528 *Pithecolobium trapezifolium* (Vahl) Bth.
det D

In forest large tree. Flr. cream.

a.s. of root.

- ③ 7529 *Indigofera anil* L. det D

Roadside

Flr. wings salmon, keel greenish.

Woody shrub 5 ft high Common

~~S. F. & A. S.~~

- ④ 7530 ~~Clitoria~~ *Centrosema pubescens* Bth. det D

Roadside vine 1-2 ft long. Flr whitish with purple marking inside wings.

- ④ 7531 ~~mim.~~ *Mimosa pudica* L. (?) det D

Lax branches roadside 18 in. high Flr. lavender

Sensitive leaves

⑤ 7532 ~~min~~ Schrankia leptocarpa DC. det D

Roadside, semi climbing treecree, 1-2 ft
Flr lavender

③ 7533 Indigofera anil L. det D

Roadside same as 7529

A.S. + S.I.

7534-7566

Jardim Botânico, Museu Boeldi

Belem Para.

July-Aug 4-10-11-13 1942

③ 7534 Lecythis paraensis Hub.
"Castanha sapucaia"

Large tree. Flr. scented, white, marked
+ tinged with lavender

④ 7535 ~~Loranth~~ Struthanthus pyrifolius (HBK) G. Don
Parasitic on Bixa no. 7536 det McV

⑤ 7536 Bixa orellana L.

"Urucii"

Small tree Petals pink. Spines young fat
bright red. S. coll.

③ 7537 Theobroma obovatum Bern.

"cacaú cabeça de urubu"

Small tree shaped like cult. cacao

- ⑧ 7538 *Schyzolobium amazonicum* (Hub.) Ducke
Large tree buttress root; grows rapidly
large pett. Leaves appearing after
frts are mature. Flr. lemon yellow fr. grod.
S. Coll. S I. Introduced from Rio Trombetas (Lago
Salgado) ↑

- ⑤ 7539 *Viola surinamensis* Warb.

"Ucuiuba branca"

Slender, very high tree about 50-70 ft.

Inner Outer seed coat bright red.

- ② 7540 *Hevea brasiliensis* Muell. - Arg.

^S
"Serengueira verdadeira"

Huge tree, branching. Flw. cream.

- 7541 *Cola acuminata* P. Br.

- ⑤ Large tree. Flr. spicy sweet; cream
with red-purple markings at base
L. spot H-429
S.C.I.

- ⑥ 7542 *Dipteryx odorata* Willd.

(*Coumarouna odorata* (~~Willd.~~) Aubl.)

"Cumari"

Huge tree. Flr. spicy sweet odor. 2 petals
nearest keel are lavender color, rest whitish.

- ⑧ 7543 *Quassia amara* L.

"Quina" Lax shrub 10 ft. Flr.
chinese red.

④ 7544 *Rheedia macrophylla* Mart.

"Bacurú - pari"

medium tree, Flr. pale greenish.

Faint sweet scent.

④ 7545 *Bombax aquaticum* (Aubl.) Schum.

"Mamorana"

Small to large tree. Flr. scented,
upper half stamens red, lower half cream
yg. frt. to dry separately.

④ 7546 *Guarea* sp.

"Tatuáiba"

medium tree

⑦ 7547 *Dimorphandra glabrifolia* Ducke

Huge tree; Flr. dull orange red. Inflores.

1-5 panicles, terminal on branches.

⑧ 7548 *Lucuma rivicoa* Gaertn.

"cutitiribá"

Small tree. Flr. green. ~~Latex~~ Latex

⑦ 7549 *Theobroma grandiflorum* Schum. (?)

"cupuacu"

Large tree. Frt. edible. Calyx with red marks

inside at base. spatulate, upper portion petal dark red.
Frt yg for seed coll.

(3) 7550 *Mammea americana* Jacq.

"Abricó"

medium tree; petals cream. Flr. heavy
sweet odor. Frt ^{apricot} pale tan-brown.

Frt. S. Coll.

golden yellow meat

(7) 7551 *Theobroma microcarpa*^a Mart.

med. tree

2 old + 1 green frt seed coll.

(4) + (5) 7552 *Basanacantha spinosa* (Jacq.) Schum.

"Limão-rana"

Slender tree 15 ft., with branches drooping
at tips.

S. Coll.

(4) + (5) 7553 *Erythroxylon brasiliensis* Nees et ^{Mart.}

Slender shrub 5-6 ft. Leaves in spiral leaf.

Flr white. Frt reddish tinged.

S. Coll.

(7)

7554 *Amba parviflora* (Miesner.) Mez
"louro rosa"

med. tree. Flr. panicles ^{pale} brownish ^{green} when
mature, faint musty odor.

(6) 7555 *Brownea longipedicellata* Hub.
med. tree. Flr. chinose red.

~~S. Coll.~~ S. Coll.

(8) 7556 *Joannesia heuloides* Ducke
"castanha de arara"

Large tree. Inflores. panicles terminal,
Entire inf. including bracts & flr pale greenish
crea color. Flr. detaching & falling soon.
Introduced from Villa Braga, Rio Tapajós.

(6) 7557 ^{*Quararibea*} ~~*Matisia*~~ *guianensis* ^{Aubl.} ~~Hub.~~ ^{det Melv.}
Small tree. Flr. sweet ^{musky} scented, white.

(6) 7558 *Quararibea guianensis* Aubl.
"inaja-rana"
med tree, Flr. white, sweet scented

(4) ⁽⁸⁾ 7559 *Hymenaea courbaril*
var. *obtusifolia* Ducke.
"jutan" Petals white soon falling.
Huge tree. S. Coll.

⑧ ⑨
7560 *Cassia grandis* L.f.

Huge tree, Erect petal - center rose color, others are whitish fading to cream

S. coll.

③ ⑪=④ 7561 *Abuta grandifolia* (Mart.) Sandw. ^{det B. P. I.}
~~*Guarea* sp.~~

Large tree. Frts borne in clusters like grapes. 30-60 in clusters. Skin of fruit red. ^{shaped like fig.} Frt. open one at a time squeezing out the red seed.

S. coll.

⑤ 7562 *Ravenia spectabilis* (Lindl.) Griseb.
Small tree; corolla white.

⑦ 7563 *Guarea*
~~*Abuta*~~ sp.

"abutua" Small tree, drooping branches Flr. green.

⑩+⑪=⑪ 7564 *Calycophyllum spruceanum* Hook.

"pan mularo" Tall tree, 60-70 ft. high, trunk 8-12 in diam., branching only few times at top; new bark pale grey green, smooth, shedding once annually July-Aug.

S. coll.

①+1=②

7565 *Achras sapota* L.

"sapotilha"

Large tree ^{spreading top}. Latex.

skin. 3 x 2 in.

~~S. tall~~ Flr. petals dull cream. Frt. pale brown

⑤ 7566 *Achras sapota* L.

"sapotilha" same as above

Flr. pale green.

③ 7567 *Hevea*

1 mi SE IAH.

Baldwin Spec for chromosomes

7568 - 7569 at Museu Goeldi Belém Para

8/14/42

② 7568 *Annona montana* v. *marcgravii* (Mart.) Fr.

Slender tree "araticum grande!"

③ 7569 *Phyllanthus brasiliensis* (Aubl.) ^{det Mel} Poir.
Slender tree 10 ft. Flr. green.

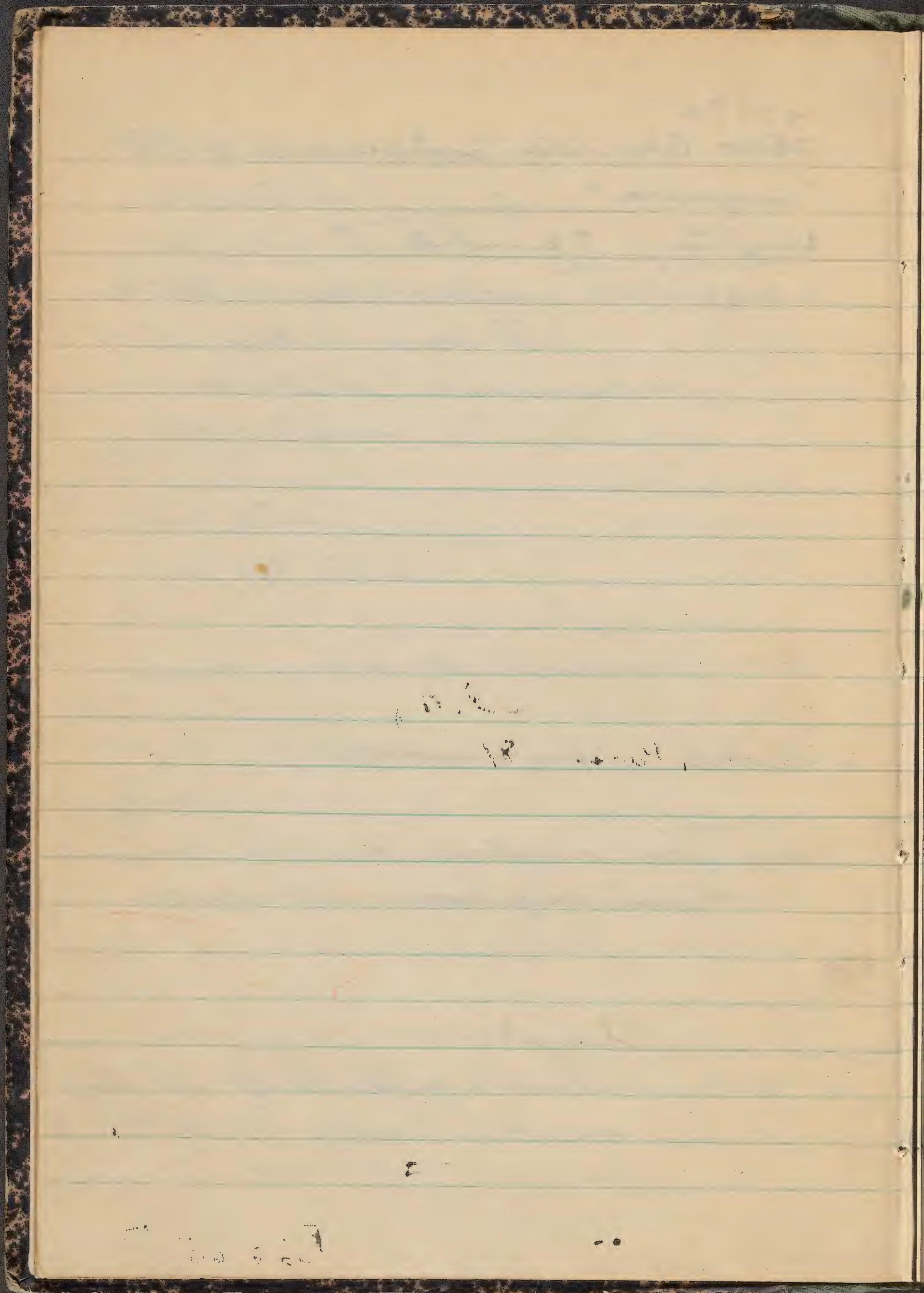
(5)

7569a

~~7570~~ Aleurites molaccana Willd.

"noqueira"

Large tree. Flowers white.



7570 -

Road in front Inst. Agr. do Norte

Belem, Para 8/14/42

⑤ 7570 *Inga nitida* Willd. det D.

Small tree Flr. lemon yellow yg fruit
tan color.

S. Coll.

③ 7571 Leg. *Styphnodendron guianense* det D.
Small tree Flr. cream color. var. *floribundum*
(Bth.) Ducke

⑥ 7572 ~~Lawsonia~~ *Nectandra* aff. *pichurim* (HBK.) Mez. det B.
"Lowow" Small tree Fruit producing a dusty
white powder when diseased. Fr. same tree
H-434 as 8260

det McV.

Willd.

② 7573(?) *Tabernaemontana coronaria* (Jacq.)
Unbranched shrub 1-2 ft. Flr white, yellow
center. Abund. latex.

det B
~~det McV~~

④ 7574 *Casearia grandiflora* St. Hil
Small tree flr. pale ~~greenish~~

det McV

③ 7575 ^a*Crotophaga mucronata* Desv.
Shrub 3 ft. Flr. yellow + brown marked

Escaped?

④ 7576 ~~Euphorbia~~ ^{Sebastiania} *corniculata* (Vahl) Muell. Arg.
Latex. det McV

det (Bth.) Hemsl.

③ 7577 (leg) *Calopogonium caeruleum*
Vine 2-3 ft Flr blue. det D.

③ 7578 (leg) *Mimosa sensitiva* L. det D
Vine small flr. pink.

② 7578a *Passiflora edulis* Sims var. det D
Cult. Inst. Agro. do horte 8/15/42
Petals whitish. Frt yellow when ripe
"aracuja"
H-432

7579-7586

Jardim do Museu Goeldi, Belém
Aug.
Sept. 17 1942

- (5) 7579 *Stychnos nigricans* Prog.
Liane, large; clambering into tall
trees. Frt. epid. punctate, yellow.
S. Coll. Introduced from Rio Purus.
- (5) 7580 *Leonia glycyarpa* Ruiz + Pav.
"Trapia-rana" slender tree.
Flr. corolla pale cream with pink tinge.
Frt. Inflor. borne also on trunks of tree.
corolla attached by rhizopus
H-433
- (4) 7581 *Hevea guianensis* Aubl.
"seringueira vermelha"
slender tree.
Spec. for Baldwin chrom. count.
- (5) 7582 *Hevea viridis* Hub.
"seringueira" slender tree.
Flr. pale cream.
- (4) 7583 *Hevea cuneata* Hub.
"seringueira vermelha"
slender tree, sterile.
Baldwin chrom. count.

⑦ 7584 *Diospyros* ^{off. cayennensis A. DC.} ~~sp~~ *cayennensis*

Slender tree; Flr. white; scented.

Fr. brown, hairy.

S. Coll.

④ 7585 *Tabernaemontana macrophylla*

Muell. - Arg.

Slender tree; flr. corolla rich, creamy yellow. Faint perfume.

⑨ 7586 *Hevea brasiliensis* var. *randiana*

(Hook.) Pax

"seringueira" Large tree.

Cited by Ducke.

Chromo. count - Baldwin.

7587 - 7598

Fields of Inst. Agr. do Norte, 8-19-42
Sandy soil.

③ 7587 *Panicum campestre* Nees

det W

④ 7588 ~~frax~~ *Hyparrhenia rufa* (Nees) Stapf

det W

5-6 ft high. Occas. forming exten. assoc.

③ 7589 *Digitaria fuscescens* (Presl) Henr.
(*D. pseudo-ischaemum* Buse)

det W

Creeping over surf. of road.

- ③ 7590 *Cyperus odoratus* L. det O.H.
- ④ 7591 *Cyperus diffusus* Vahl.
var. *tolucensis* HBK det O.H.
- ② 7592 ~~Gram.~~ ^{Eragrostis} (Swallen n sp) det W
- ③ 7593 ~~Gram~~ *Paspalum melanospermum* Desv. det W
Small clumps.
- ⑥ 7594 *Cenchrus echinatus* L. det W
- ③ 7595 ~~Cyper.~~ *Dichromena pubera* Vahl det O.H.
- ④ 7596 ~~Gram~~ *Digitaria sanguinalis* (L.) Scop. det W
- ③ 7597 ~~Gram.~~ *Paspalum conjugatum* Berg. det W
Reprod. by stolons

① 7598 *Cyper.*

7599 - 7604

~~Western~~ ^{Eastern} portion of undeared I.A.N.

Belem, Para, 8/20/42

mostly second growth vegetation

① 7599 Psychotria
Tree, fruit red.

⑤ + ⑥ = ⑥
7600 Smilax ^aaequatorialis a.D.C. aff. det McV
"espina ^ade ^{corvôa}crêpa" vine 15-20 ft
Fl. red-orange.
Baldwin spec.
S. coll.

② 7601 Bauhinia ^{var. tenuifolia Ducke}macrostachya det D
Small slender tree 10-20 ft.

③ 7602 (leg) Inga heterophylla Willd. det D
Small slender tree 25 ft. wood rank
odor.

④ 7603 Symphonia globulifera L. det D
"anani"
Slender tree; Fl. cranberry red.
Timber used - ship construction
Latex sulfur yellow.

④ 7604 Tapiricia ^{det B}guyanensis Aubl. ~~REI~~
Slender tree, fls. pale greenish cream.

5 + 1 = 6

7605 *Tephrosia toxicaria* Pers.

Cult. São Joaquim

(shrub) 3 ft high. Flr. dirty white, green tinged
Belem, Para, Brazil. 8/22/42

A.S. roots, stems & lvs. (Same as Barbosa 120)

S.I. & S. coll. H-435

6 7606 *Amasonia erecta* L.

det D

Herb. medicinal for stomach inflammations
"mendoca" Floral bracts red.

corolla greenish green. Much sought
after and thus difficult to find.
Vic. of I.A.N. 8/22/42

3 7607 (Portul.) *Talinum triangulare* (Jacq.) Willd.

Cult. for greens "caruru" used as
spinach. Apparently not known anywhere
but vic. Belem. ~~the~~ Common food

here. Propagated by cuttings.

Fleshy erect herb. Flr. ~~for~~ stem

triangular. Flr. rose color.

Cult. I.A.N. garden. 8/24/42

7608-7617

Utinga, near I. 1-2 K. n of I.A.N.

water shed for Belem. 8/24/42

det B
PEI

⑤ nectandra ? sp.

7608 (Laur.) - mirum

"pichuru" Small tree in deep forest
Bark med. for dysentery & similar
troubles. Bark has ~~spicy~~ odor.
Used locally by druggists.

⑥ Rinorea falcata (Mart.) Ktze. ex char det Mel
7609 Andisia

"maraua" slender tree in forest
Flr. cream yellow scented.

⑤ 7610 Isertia longifolia (L.) Hoffm. K. Sch. det Blake
PEI

"abiurana" small tree edge of forest.
Corolla pink tinged, calyx red.
S. Coll.

⑥ 7611 Macrolobium chrysostachyum (Miq.) Bth. det D.

"Ipe" clearing. Small tree. Used for
lumber. petal white stamens red, sl.
scented

④ 7612 Caraipea grandiflora Mart. det D

"Tamaquaré" med. tree. clearing
petal white, fls. highly scented.

(see also 7613)?

③ 7613 *Caraiipa minor* Huber det D
(See as 7612?) neighboring tree.

④ 7614 *Passiflora foetida* var. *hispida* (DC.) Killip det K
"maracujá" small vine. clearing
Foliage. Corolla
resinous. Corolla white with purple
stripes. Frt yellow when ripe.

④ + 1 = 5 7615 *Guarea* sp.
"jatuaíba" Small tree. clearing 2nd growth
Sepals Calyx pale salmon.
B. Coll.

⑤ 7616 *Selaginella stellata* Spring det CV Morton
"samanbaia" common on forest
floor, forming often extensive assoc.
root used for rheumatism.

⑥ 7617 *Myrcia sylvatica* (Meyer) DC. det B. B. Baker
"murta" small tree clearing 2nd growth.
Fruit sweet eaten by birds & man.
Flr. white, scented.

7618-7623

Jardim Museu Goeldi Belem

Para Brazil 8-26-42

(2) 7618 *Cola acuminata*

Frt spec. Also S. Coll.

(6) 7619 *Theobroma speciosum* Spreng. ^{(?) det D}

"cacaú-i" Slender tree. Inflor. cauliferous. Frt. 5-parted yellow when ripe. Petals dark red, sepals reddish stained.

S. Coll.

(4) 7620 *Avevrhoa filimbi* L.

"filimbi" - "Limão de Cayena"

Small tree. Flr. cauliferous, dark red.

(4) 7621 *Ficus ~~sp~~ radula* Willd ^{det Blake}

"guaxinguba" Huge tree, spreading top.

(9) + (10) 7622 *Sterculia elata* Ducke

"tacacaziero" Huge tree. Calyx greenish with dark red markings.

Old frt from ground. Wood has gummy ^{exudate} ~~gum~~

Huberi Ducke
⑥ 7623 *Pithecolobium canif* det D
~~*caniflorum* (Willd.) Benth.~~
med. tree. Stamens rose ~~red~~ above,
white below.

② 7624 *Omphalea diandra* Aubl. (2) ^{det D}
"Barbau"
mountain
Riv ~~Hereta~~, about 1 mi SE of IAH.
Belen Para 8-27-42
Liana ^{woody}, about 100 ft long, reddish latex.
Frt. green mottled, spherical, ca. 5 in
diam. ^{slightly} pointed ^{at end}. Coll. Dr. Baldwin
S. Coll. Ripe seed caustic to skin

7625-

Jardim Museu Goeldi Sept. 3 1942

+1-7
⑥ 7625 *Ambelania grandiflora* Huber 2
~~*tenniflora* Muell. Arg.~~ det D
"pepino do matto"

small tree fls. white scented;
Frt edible. Copious latex.

S. Coll.
~~7626~~

* ~~*Carapa guianensis* Aubl.~~

~~"andiroba" Huge tree~~

~~S. Coll. Jardim Museu Goeldi~~

~~Sept 3 1942~~

(3) 7626 *Elizabethia Duckei* Hub.
small tree.

(4) + 3 = 7 7627 *Aniba parviflora* (Meiss.) Mez
"louro rosa"
medium tree

(5) 7628 *Calliandra surinamensis* Benth.
"pan de salsa"
Small tree upper $\frac{1}{2}$ of stamens red-
purple, lower $\frac{1}{2}$ white.

(9) 7629 *Cordia fracteata* Benth.
"ipê-rana"
small medium tree.

S. Coll. Introduced from Aramã (Breves).

(13) 7630 *Alexa grandiflora* Ducke
"Large tree, petals whitish, 5, lower
one equal in width to 4 upper ones.
Old fruits from ground under tree

S. Coll. A.S. (See 8061)

Introduced from Alcobaga, Rio Tocantins, from seed of
type tree.

(14) 7631 *Platonia insignis* Mart. det D
"facuri - assu"
Tree, cult. near I.A.N. Sept 2/1942
Flr. closed. petals
cream with pink tinge toward
edge & base. Fruit edible

* ①

7632 *Carapa guyanensis* Aubl.

"~~Carapagea~~ Andirobena"

Jardim Museu Goeldi

Sept. 3 1942

S. Coll.

⑦

7633 *Lonchocarpus urucu* K et Sm.

near Kilometro 18 ⁹⁻⁵⁻⁴² Cult. plantation

of about 50 plants. About 6 yrs old.

Plants with drooping branches, terminal

inclined to twining fls. lavender

with whitish tinges on standard.

⑧ 7634 *Struthanthus pyriformis* (HBK.) G. Don
~~Struthanthus~~ det McV.

Same loc. as above. Parasitic on cult.

Lonchocarpus utilis. common but

apparently not causing much damage to

host. The parasitic plant consists

usually of 3-5 stalks about 1-2 ft long.

With root 14-437

④ 7635 (Bignon) *Arrabidaea rubrinervis* Mart ^{aff. →}
det McV.

Property of IAN 9-9-42

Vine fls. lavender.

Struthanthus pyrifolius (HBK.) G. Don.
~~Struthanthus~~
7636 ~~Foranth~~. det McL.

Parasitic on cult. orange I.A.M.
Sept 9 1942. Severe on some trees

7637 *Murraya exotica* L. det Blake
"jasmín laranja" cult. orn. near ^{Falm}
Arbusto cult for fragrant flowers ^{9-14/42}
Flr. white.

7638 -

Outskirts of Belem ~~along~~ near I.A.M.

9/16/42

7638 (Leg) *Rhynchosia phaseoloides* (Sw.) DC.
small vine. Ripe seed black. Red around ^{del D.}
hilum.

→ ~~*Securidaca coriacea* Bonpl.~~ ^{del PEI}

7639 *Gouania cornifolia* Reiss det D
~~*Seyouania*~~
Small vine Flr pale cream.

7640 *Lantana*
Lax shrub 10-15 ft high.
Flr rose + cream

(see note about this)

- ⑤ *Pavonia grandiflorum* R. & P. det McV
7641 (Malv.) ~~*Pavonia oclutina* St. Hil.~~ det D.
Shrub ~~#~~ 8 ft. Foliage gummy.
Cortex contains strong fiber.
S. Coll. S. I.?

- ③ 7642 ~~*Filiaceae* *Triumfetta althaeoides* Lam.~~ det McV
~~*Cimicifuga*~~
Shrub 10-15 ft. Flr. yellow
Fiber plant.
S. Coll. ~~S I~~
|||||

- ④ 7643 ~~*Gram*~~ *Eragrostis ciliaris* (L.) Link det W
Near I & A cult field.

- ④ 7644 ~~*Isotoma*~~ ^{*Hippobroma*} *longiflora* Presl det D
Fla white. Latex Poisonous

- ④ 7645 *Cecropia* sp.
Tree medium. Inflor. scented.
Green colored Front of I & A

- ⑥ 7646 *Allamanda cathartica* L. det D
Vine Flr. bright yellow. Latex cop-
ious.
SE extra fruits for herb.

→
(5) 7647 - Myrcia sp.
Road in front I.A.N. Small
Shrub. 4 ft. Flr. whitest
Sept. 23 1942

(4) 7648 (leg.) Machaerium ferrugineum (Willd.) Pers.
Ditto Vine. Flr. blue. det D
A.S. See plot as 7894

(8) 7649 Cassia multijuga Rich. det D.
Ditto. Large Tree

7650 -
uncleared land I.A.N. Belo Para
Oct 10/1942

~~7650 Convol.~~

Small vine clambering on shrubs or
flat on ground. Branches 3-5 ft.

Flr. white.

(7)
(4) 7650 Cissus eros Rich. det Blake
Vine 6-10 ft clambering. Inflor.
reddish.
I.A.N. uncleared land. Oct 10 1942

(3)

7651 *Potalia amara* Aubl.

det D.

Ditto

"Pão de cobra." Ditto local.

Infusion of leaves + roots, used for snake
bite or of any poisonous insect. ^{Taken internally} 1

Slender shrub, unbranched 4-6 ft.
pedicel yellow, corolla green.

(3)

7652 *Casearia grandiflora* St. Hil. ^{det B. Blake}

Estrada front of IAN Oct 10/1940

Shrub 5-6 ft. Fls whitish.

(4)

7653 (*Borag*) *Cordia exaltata* Lam.

^{Im}
det Johnston

Ditto Shrub up to 6 ft. Fls white
Frt red-yellow, gummy pulp.

S coll

(3) 7654 *Bauhinia splendens* HBK. det D

Ditto. Vine Fls. cream.

(6) + (1) - (9)

7655 ~~*Clarisia*~~ *Bunchosia* ^{fluminensis Griseb} aff. ^{det B. Blake}

Cult. near IAN. Oct 10/1940

^{Shrub.}
~~Tree~~, fruit ~~edible~~. edible.

Fls. yellow. Frt. yellow-orange.

S Coll.

"café das amazonas"

2
7656-

Weeds - cult plots front of main Bldg.
I A N, 10/4/42

Sandy soil.

6 7656 ~~Convolv.~~ ^{Voigt} Quamoclit ^{re} pennata (Des~~mar.~~)¹

Flr crimson, escaped

det Blake

4 7657 ~~Convolv.~~ ^{Griseb.} Jacquemontia ¹ tamnifolia (L.)¹

Flr blue

det Blake

1 7658 Hedyotis

Flr white

4 7659 Cleome aculeata L.

det mcl

Corolla white

5 7660 Cassia ~~?~~ mimosoides L.

det O

Flr. yellow. Herb 8-24 in.

4 7661 ~~Chenopodium~~ ~~Amaranthus~~ ^{det Blake} Amaranthus ¹ spinosus L.¹

1-2 ft high. Frt spiny.

5 7662 ~~Euphorbia~~ ^{sebastiana} corniculata (Vahl) Muell. Arg.
det mcl

Very common

(9) acahypha
7663 (~~Euphorbia~~) arvensis Poepp. + Endl. det Mel
not common

(4) 7664 Acanthospermum australe (Loefl.)
Prostrate, rooting at nodes, flr pale greenish yellow. det Kuntze
det B. C. C. C.

(6) 7665 Spigelia $\frac{3}{4}$ anthelmia L. det Mel
Flr. pinkish Anthelmintic.

(4) 7666 mollugo verticillata L. det Mel
~~Glenn~~
Flr white

(6) 7667 Cassia occidentalis L. det D
2-3 ft. Vile odor. Seed used as coffee
substitute.

(5) 7668 ~~Euph.~~ Croton lobatus L. det Mel
Common

(3) 7669 ~~Euph.~~ Croton glandulosus L. det Mel

(4) 7670 Croton glandulosus L. det Mel

④ 7671 *Phyllanthus niruri* L. det McV
"Quebra pedras"

⑤ 7672 *Commelina* $\frac{3}{2}$ *longicaulis* Jacq. det McV
"maria amor"
Flr. blue.

⑤ 7673 (~~Euphor.~~) *Euphorbia hirta* L. det McV
"sete sangue"
Latex

⑤ 7674 *Alternanthera* ~~(Amaranth.)~~ *ficoidea* (L.) R. Br. det Blake
prostrate, rooting at nodes. Flr white

⑥ 7675 ~~Gau.~~ *Sporobolus indicus* (L.) R. Br. det W

④ 7676 (Malv) *Sida rhombifolia* L. det McV
Shrub 6-18 in. Flr. pale brown

④ 7677 *Borreria verticillata* (L.) G. F. W. Mey. det Blake
plant has odor of pepper Flr white.

⑩ 7678 *Ipomoea asarifolia* (Desr.) R. & S. det Blake
~~Convolv.~~ Bad weed.
Prostrate, rooting at nodes. Flr. lavender.
"Tarsta" Lvs & stem used as blood tonic.

⑧ 7679 *Cassipourea guianensis* Aubl. ^{Blake} det ~~PEI~~

Estrada front of IAH 10-14-42

Shrub 4 ft. Flr white

⑤ 7680 *Lacistema pubescens* Mart. ^{det Blake}

Ditto Shrub 3 ft.

② 7681 (*Jussiaea*
Onagraceae)
^{in.}

Herb 6-18 ~~ft.~~ Flr. yellow

Weeds - cult. plot front of main bldg

IAH. 10/15/42 Sandy soil.

⑥ 7682 *Aeschynomene rudis* Bth. ^{det McV}
(Leg.)

Hard soil, gravelly, edge of plots &
waste ground, IAH 10/15/42

Flr dull greenish, standard brownish
veined. Roots with nodules.

② 7683 (leg) *Zornia diphylla* (L.) Pers. ^{det D}

Ditto local Flr yellow

③ 7684 *Euphorbia* ^{brasiliensis} ~~hirta~~ Lam. ^{det McV}

Ditto local.

(5) 7685 *Euphorbia thymifolia* L. det Melv
Ditto local. Prostrate rosette

(5) 7686 *Cyperus surinamensis* Rottb. det O'n
Ditto local

(2) 7687 ^{*Cyperus obtusatus* (Presl.) Mattf. + Kükenth.}
~~Liana~~ det O'n
Ditto

7688 - 7692

From trees being felled in ^{S forest} plant timbo

IAH Oct. 19 1942

(9) 7688 *Inga edulis* Mart. det D
Tree

(8) 7689 *Securidaca coriacea* Bonpl. det P. E. Blake
Liana. Flr. lavender

(4) 7690 ~~Pterid~~ *Polypodium ciliatum* Willd. det C. V. Morton
In top branches of tree

(5) 7691 *Gouania cornifolia* Reiss. det D
Liana. In tops of trees

⑥ 7692 (Leg) Inga, aff. I. alba (Sw.) Willd ^{det Melv}
Large tree

7693 -

Fields of FAH

Oct 19/1942

⑤ 7693 ~~Ipomoea~~ ^{Blake} Aniseia ensifolia Chois. ^{det PEI}
Growing flat on ground not climbing
Flr $\neq$ white.

⑥ 7694 ~~Convolv~~ Merremia macrocalyx ^{(R.+P.) O'Donnell}
Climbing on low shrubs Flr white ^{det PEI} ^{Blake}

⑦ 7695 ~~Andersonia~~ Vandellia diffusa L. ^{det Melv}
Flr. white "Douradinha"
Poisonous to chickens.

③ 7696 ~~Scroph.~~ ^{Lindernia} rustacea (L.) F. Muell. ^{det Melv}
Small mats on ground, Flr. lav. ~~tinged~~
~~with~~ shading to whitish at edges.

⑤ 7697 Panicum rudgei R.+S. ^{det W}
Large clumps 2-3 ft high.

- (L.f.) Baker
- ⑦ 7698 (Comp) *Melampodium camphoratum*
det Blake
- ④ 7699 *Sauvagesia erecta* L. det D
- ⑤ ~~76~~ 7700 ~~*Bidesia*~~ ^{*Desmodium*} *barbatum* (L.) Benth. det D
Flr purple
- ④ 7701 (Comp) *Emilia sonchifolia* (L.) DC. det Blake
Flr. ~~red~~ purple
- ② 7702 ~~*Euph*~~ *Phyllanthus orbiculatus* L.C. Rich. det McL
set McL
- ⑥ 7703 (Leg) *Zornia diphylla* (L.) Pers. det D
sandy soil Flr ^{small} yellow
- ⑦ 7704 *Maripa scandens* Aubl. det D
near I.A.N. along road at entering
Jiana. Flr. ^{corolla} pale lavender, lighter
along "suture" marking union of petals.
10-20-42
- 7705 -
IAH ^{South forest} from plots being cleared to
plant timbo 10/20/42

(4) 7705 *Securidaca coriacea* Bonpl. ^{det B.}

Liana Fl. rose-colored
Stems crushed smell like
Loucheocarpus i.e. Timbo.

(7) 7706 *Cassia multijuga* Rich. ^{Det D}
"sabiniera"

Large tree, Fl. yellow

(4) 7707 *Solanum grandiflorum* R. et P. ^{det D}

"Churru" "jumbefba"

Shrub 8-12 ft. Fl. blue

Ext. used for inflammations

Grated & applied as poultice

(15) 7708 Leg. *Dioclea lasiocarpa* Bth. ^{mart det}
^{Hardy} ^{Root modules.} ^{D.S. Correll}

Low vine ca 6 ft. long. Fl. lavender
pansy-like S.I. ^{For} Trial as cover crop ^{at IGH}

(5) 7709 *Alternanthera dentata* (Moench) ^{Stuebel}

"Pé perto do mato" Herb. Lvs. ~~reddish~~ ^{det B.}

Inflor. white

(5) 7710 ~~comp.~~ *Wulffia baccata* (L.f.) Kuntze ^{det B}

Small vine up to 6 ft long

④ 7711 *Allamanda cathartica* L. det D
Small vine Flr. yellow Latex

④ 7712 *Visimia guianensis* (Aubl.) Choisy^{aff.} det mel
"Lacre" yellow latex - Small tree

④ 7713 *Bignonia alliacea* Lam.
~~(*Adenocalymna alliacea*)~~ ^{trade} ~~micro~~
cult at Boys school Belem
Oct #9 20 1942 "cipo d'alho"
medicinal.

Vine small. Flr. rose color,
Leaves + stems have strong
garlic odor.

H-443

7714 -

Cult at Museu Goeldi 10-22/42

⑪ 7714 *Myroxylon pereirae* (L.) Harms
"balsamo do Peru" Huge tree
Flr. white, musty^K odor, petals
white

⑧

7715 *Achras sapota* L.
"sapotilheira" small tree
Flr pale greenish white.

⑦

7716 *Guarea* sp.
med. tree Flr. cream.

⑧⁺²⁼¹⁰

7717 *Lucuma cainito* Ruiz + Pav
"abin" small tree. Latex.
Frt yellow when ripe 1-3 seeded
edible.
S. Coll.

⑨

7718 *Lucuma speciosa* Ducke
med. tree. latex. Flr. cream.
Introduced from Rio Branco de Obidos.

⑥

7719 *Lucuma riviviva* Gaertn.
"cutitiriba" Huge tree. Latex.

⑥⁺²⁼⁸

7720 *Clarisia racemosa* Ruiz + Pav.
"guaruiiba" Huge tree. Latex.
Frt yellow-orange
S. Coll.

7721 -

Cult. Museu Goeldi 10/29/42

- ⑥ 7721 *Theoproma speciosum* ^{Spreng.}
Slender tree. "cacáo-i"
See fruits separat.

- ⑩ 7722 *Vitex orinocensis*
var. *amazonica* Hub.
"Tarumã frondosa"
med. tree. Fls. lilac, scented.

- ① 7723 *Moquilea tomentosa* Aubl.
med. tree. "Oiti"

- ④ 7724 *Gustavia angusta* L.
"Geniparana"
Small tree spreading top. Fls. white.
S Coll

- ⑤ 7725 ~~Comp.~~ *Wedelia trilobata* (L.) Hitchc. ^{det B}
near buildings F A N 10/29/42
"Botão de ouro" Eaten by
cattle. Prostrate + ^{spreading} rooting at nodes
~~could be used as a crop~~

④ 7726 ~~comp.~~ *Eclipta alba* (L.) Hassk. ^{det B}

Flr white

Orth

④ 7727 ~~can~~ *Echinochloa colonum* (L.) Link ^{det W}

Puito local not common

7728 -
north east

Pao, Woods of IAN Oct 30⁻³¹/42

③ 7728 *Solanum rugosum* Dunal ^{det K}
~~subsericeum Jacq.~~

Flr white Shrub, small.

③ 7729 *Solanum subinerme* Jacq. ^{det K}
"juma preta" Shrub ^{5 ft} flr. ~~blue~~ lavender

This not used for Tomato grafts & fruit
not edible, said to be black when
ripe. S Collected Camargo

③ 7730 *Solanum subinerme* Jacq. ^{det K}
Shrub 5 ft

Lvs not incised as much as 7729
Coll. Camargo

④ 7731 *Solanum stramonifolium* Jacq. ^{det D.}
~~toxicarium~~ ^{det K}

"joa" Shrub 5 ft. Fruit red & edible

Flr. nearly white. Used for top work with Tomato
coll. Camargo The root resist. to disease.

(7)

7732 *Lucuma*

"abiu"

Large tree. ^{Late} Fruit edible
yellow when ripe. Usually 2 seeded but
Extra seed for herb spec. ^{sometimes 2 or 3 seeded}

(4)

~~7 *Laetia* (?) sp. det B~~
7733 *Sloanea cuneifolia* Mart. ^{folia} det D
Large tree.

(3)

7734 *Theobroma grandiflorum* K. Schum.
"cupu - assu" Large tree. Infected
with "Witches broom"

(7)

^{Wood spec}
7735 *Apeiba burchellii* Sprague ^{det D}
"pente de macaco" Large tree
S. Coll. New leaves just forming.

(3)

7736 *Lucuma*

"abiu" tree.

(9)

^{Spondias mombin L. det B.}
7737 (*Spondias lutea* L.) ^{det D}
"Taperiba" Large tree. Frt edible
~~Wood spec.~~

7738 *Anacardium occidentale*

Large tree. Peduncle yellow when ripe.
Petals red.

5 melast.
7739 ~~Rub.~~ myriasporea egensis DC. ^{det} McV
"papa-Terra" Small tree
frt edible.

6 7740 Poraqueiba paraensis Ducke ^{det} D
"mari" Large tree Frt edible
Wood spec.

6 7741 Cochlospermum orinocense (HBK.) ^{Steud}
"samu mera" ^{det} D
S. coll.

4 7742 Tapiraica guianensis Aubl. ^{det} D
"ataperera" Large tree Frt edible

3 Wood spec. ~~tataperera~~ ^{rica} "tapirica"
7743 ~~Paspalum~~ Paspalum virgatum L. ^{det} W
2-3 ft high.

4 7744 (Bignonia) Bignonia unguis-cati L. ^{det} McV
Vine, small.

7 7745 Lucuma rivicoa Gaertn. ^{det} B
"chichi" Large tree ~~Frt edible~~
Latex copious. Frt edible.
Wood spec.
S. coll.

⑥ 7746 (Anon) Guatteria

det B

Small tree.

H-443 S. Coll

⑤ 7747 ~~Symplocos~~ Rhynchospora cephalotes (L.) Vahl.

det JH

Common on forest floor especially along trails.

④ 7748 Lacistema aggregatum (Berg.) Rusby

det B

Shrub flt red.

⑤ 7749 Coutoubea ramosa Aubl.

det McV

~~Shrub~~ Flr white Herb 2-3 ft.

⑥ 7750 Piper

Slender vine climbing 30 ft - tree top

⑪ 7751 Thysodium paraensis Huber

det D

Med. tree. Brittle wood, copious latex.

Inf. terminal Flr. dull cream.

⑥ 7752 Leg Cassia diphylla L.

det D

In field, prostrate Flr yellow
Root nodules

⑥ *Norantea guianensis* Aubl. det McV
7753 ~~Clusia~~

"cebola brava" Epiphytic strangler
Fl. scarlet.

#④ *Anthurium* sp. det H. det McV
7754, ~~Abacaca~~ *Norantea guianensis* Aubl. det B
Epiphyte

⑤ 7755 *Erechtites hieracifolia* (L.) Raf. det B
~~Comp.~~ open
In fields & waste places.
Fl. dull cream. 1-3 ft.

④ 7756 *Byrsonima coriacea* (L.) Kunth. det B
Tree Fl. yellow "amurugi"

③ 7757 *Sloanea guianensis* Bth. det B
Small tree Fl. apetalous

④ 7758 *Lacistema pubescens* Mart. det B
Shrub Fkt red when ripe.

⑧ 7759 *Malanea macrophylla* Barth. det B vel off.
Cipó, woody Fkt. dull purple to black

④ 7760 *Miconia prasina* (Sw.) DC. ^{det McL}
Tree medium.

⑤ 7761 (~~Myctag.~~) ^{nees} *floribunda* P. & E. ^{det B}
" ~~capurana~~ " Small slender tree.

⑨ 7762 *Lindackeria paraensis* Kuhl. ^{det B}
(*Lindackeria guianensis*) → ^{det D.}
Small tree. Flr. white, scented

⑤ 7763 (Anon.) *Guatteria*
" *envira* " Tree.

⑥ 7764 ~~Anon.~~ *Rollinia exsucca* (Dunal) DC.
Tree ^{det B.}

⑨ 7765 *Siparuna guianensis* Aubl. ^{det D.}
~~Capichu~~ " ~~Capigui~~ " Shrub " *caá-pitú* "
Lvs aromatic.

④ 7766 *Ambelania tenuiflora* Muell. - Arg. ^{det D}
" ~~pépino~~ ^{pépino} " Tree fr edible. Flr cream
in bud. white inside.

2

7767 ~~isam~~ Pennisetum purpureum ^{det W. Schum}
Escaped. "Capim de planta"
6 ft high.

3

7768 Lindackeria paraensis Kuhlman. ^{det D}
Small tree Flr. white, scented. (See 7762)

7

7769 Iserertia longifolia K. Schum. ^{det D.}
Slender tree 15⁻²⁰ ft Pedicels red, Corolla
cream ~~taped~~ tipped.

5

7770 ~~Asclepias~~ ^{apocyn.} macropharynx strigillosa ^{ined. Woodson}
Vine climbing in high tree. Latex. Flr.
pale green - cream. ^{det Woodson}

8

7771 Doliocarpus brevipedicellatus Garcke. ^{det B}
Woody liane, ~~large~~ filling tops of trees

6

7772 Sabicea aspera Aubl. ^{det B.}
Liane Flr. tubular white, Frt wine red.

7773 -

NE Woods of Ian Nov. 6 1942

(5)

Physalis
7773 ~~Euphor.~~

Open places. Flr. dull cream.

"Camapu" Frt edible.

(6)

7774 ~~Didia~~ Borreria latifolia (Aubl.) K. Sch ^{det B}

Open places. Prostrate upper surface of
purplish.

(6)

7775 Cassia ^{Tora L.} open places

^{Det D}
ver. H

"mata pasto" 1 ~~Herb Herb~~ Shrub 2 ft

drooping branches. Flr. yellow.

Invades ^{pastures} & smother out grass.

Aromatic when crushed

(4)

7776 Gouania cornifolia Reiss.

^{det D.}
ver B

Vine climbing high trees. Common.

(5)

7777 Cissampelos pareira L. (?) ^{det. B.}

Small vine, climbing trees. Flr greenish

(5)

7778 Commel.?

Deep shade under trees.

77

⑦

7779 Miconia

"Tintureira" Juice of frt. used
as ink + as dye.

Slender tree. 20 ft.

③

7780 Gram.

In shade.

④

7781 Psychotria

Herb 2 ft high. In shade. Flr
green. Frt. red-yellow.

⑦

7782 Junc.

Open places. In clumps.

⑦

7783 asclep.

Flr. pale cream. ^{Large} Woody cipo.

Latex

⑦

7784 Lonchocarpus utilis A.C. Sm.

Kilometro 18, N.E. of Belém

Sept 20 1942 Cult. plot.

Photo

ver H.

(11)

7785 *Lonchocarpus urucu*

ver H

Ditto local. Cult. photo

(3) 7786 *Lonch.* *urucu*

ver H.

Experimental plots of Fomento do
Agr. at K 18 NE of Belém

Sept 20 1942 Cult.

7787 -

NE forest of IAH. Nov 6/1942

(12)

7787. *Vochysia melinonii* Beckm. det D

"Guarufa chinga" Large Tree.

Flr. yellow. Used as lumber.

wood spec.

(13)

7788 (Myclag) *Neea ovalifolia* Spruce vel off. ^{det B}

Shrub 3-4 ft. Frt red when ripe

(3)

7789 *Sapindus*

Shrub 5 ft. Frt red when ripe

(2) (1)
(um) 7790 *Tephrosia nitens* Bth.

det D.

"Timbô - caa" From Alto Rio Capim,
Para nov. 6/1942 Used by Tembês Indians
to poison fish. Leaves only. Shrub
about 3 ft high. Live plant received
by Camargo from Serviço de proteção
aos Índios: Planted in garden
nov. 7 1942.

Indigofera

(17) 7791 ~~*Stylosanthes*~~ introduced

"alfalfa do Para" Valuable as forage.
Root nodules. Corolla tubular pale green.
Plant with 5-8 prostrate branches
3 ft long. Might make good cover crop.

Vacant ground at Escola de Veterinária
Belem nov 10 1942.

3 I. + 5. Coll.

(2) 7792 *Selaginella microphylla* (L.) Liebm. det K.

Path local. Growing at edge of
lamp sidewalk.

(3) 7793 *Drymaria cordifolia* (L.) Willd. det B

Path local. at edge lamp sidewalk

8

7794 *Macrotea debilis* Sw.

det Mc V

Ditto local. near Edge lamp
sidewalk Flr white

un.

①

7795 *Peperomia*

Ditto local. Edge of damp sidewalk

7796 -

I.A.N. grounds along west
boundary. Nov. 11 1942

9

7796 *Trema micrantha* Blume

det D
ver B

Shrub 10 ft high Flr. greenish Frt
dull red.

7

7797 (*Euphorbia*) *Tatropa gossypifolia* L.

det Mc V

scanty

Shrub 8 ft. Term. inflorescences ^{+ gummy} red.

Flr red. Latex.

13

7798 (*Sapind.*)

med. tree. Flr greenish. Wood friable

3

7799 (*Euphor.*) *Alchornea cordata* (Juss.) Muell. Arg.

det Mc V

under shrub, slender 15 ft. Flr. greenish-cream

(11)

B. coriacea (Sw.) Kunth. det McV

7800 *Byrsonima lancifolia* HBK det D

"murucy vermelho" med. tree.

Flr. yellow. Bark used to dye cloth^{red}.

(6)

7801 *Myrcia*

"murta" Conical shrub 6 ft.

Flr. whitish, scented.

(6)

7802 *Laur.*

"louro" large tree. Used for timbers

Flr. cream.

(6)

7803 (Leg) *Inga marginata* Willd. det H

"ingá" med. tree. Frt edible for
pulp around seed.

S. Col.

(6)

7804 (Comp) *Eupatorium odoratum* L. det B

Shrub 3 ft. Flr. whitish.

(6)

7805 *Cordia multispicata* Cham. det B

scanty

Shrub 6 ft Flr white Frt red when

ripe. (See 7806)

(5)

7806

~~Shrub 4-6 ft.~~
~~Fl. red. (see 7855)~~

Slender shrub 6-8 ft.

(6)

7807

Shrub 2-3 ft. Fl. white, scented

Entrance to IAH 11-10-42

(12)

7808 Bignon.

~~Vine~~ Road in front IAH Nov 11/1942

Small vine 10-15 log. Fl. greenish
-cree with reddish ~~mark~~ fluel.

(5)

7809 *Phyllanthus brasiliensis* (Aubl.) Poir. ^{det McV}

Cult. Museu Goeldi Para. Nov 11/1942

Tree like shrub 15 ft.

S. Cuttings for introd. at IAH.

A.S.

(4)

7810 *Geonoma oliginosa* (Barb.-Rod.) ^{Burgett}

Ditto local. Suckering to form clumps
of 10-15 stems. 6-8 ft. high.

S I

Cutting Introd. IAH.

S. coll.

R.Br.

det D.

(6)

C

7811 *Cryptostegia grandiflora* R.Br.

Ditto local. Slender, woody vine

climbing. Latex, copious. Flr. rose.

S. Cuttings

S.I.

(3)

7812 *Paullinia cupana* HBK det B.

"guaraná" woody vine

Ditto local

S. Cuttings

(13)

7813 *Anacardium spruceanum* Engl. det D.

Tree in yard

Escola de Veterinária Belém

Nov 12 1942 ~~The~~ Large tree

umbrella shaped canopy. Flr. at

white & red, spice scented.

S.I. & S. Coll.

Peduncle red.

Petals green with white
margins, changing
to dark red.

7814 -

South ^{forest} part of IAH property being felled
to plant Timbo. Nov/16/1942

⑥ 7814 *Mollugo verticillata* L. det B
Along trail Flr. white.

⑤ 7815 Gram.
Along trail flat mat ca 12 in dia.

⑥ 7816 ~~mahe~~ *Waltheria viscosissima* St. H. ^{rare} det B
3-6 ft. # Stem gummy Flr yellow
used as fiber plant. "mahe"

⑦ ⁷⁺²⁼⁹ 7817 Cucurb.?
Small vine ~~road~~ roadside.
Frt orange when ripe.
S. coll.

⑤ 7818 (Chenop.) *Amaranthus gracilis* Desf. det B
^{recently}
Along trail in cleared land

④ 7819 Solanum

Vine. Fls. white.

④ 7820 Theobroma grandiflorum (Sprang.)
"cupu-accu" Large tree (Willd.) Schum.
Frt separate. det D.

Wood spec.

⑥ 7821 Licania macrophylla Benth. det D
"anquera" Large tree. (see 7824)

Wood spec

② 7822 Carapa guianensis Aubl. det D
"andiroba" Large tree.

Oil from fruit, Lumber tree.

Wood spec

③ 7823 Maripa tenuis Ducke det D
Liane.

⑧ 7824 Licania macrophylla Benth. det D
"anquera" Large tree (see 7821)

③ 7825 Eschweilera
"mata-mata preta"
Large tree. For lumber
Wood spec

(3)

7826 Carludovicia

"Timbo-assu" Epiphyte climbing
along trunk of tree. Aerial roots
used as cordage.

(3)

7827 (Bursera?)

Tree

(3)

7828 Tillandsia?

Epiphyte

(4)

7829 Allantoma lineata (Berg.) Miers.

"~~Ata'anta'anta'anta'~~ Tree. det D

(6)

7830 Coccoloba

Liane Flr whitest

(un)

7831 Tillandsia

(4)

7832 Tillandsia

(un)

7833 Tillandsia

7834 —

Kilonaetu 18 n of Sele Nov 17

1942

(4) 7834 *Hippeastrum*

Petal pale salmon

Bulbs planted

(3) 7835 *Hippeastrum equistre* Herb. det D.

Petal red-orange, with green at base

Bulbs planted.

(2) 7836 Cyper.

With smut? See H-446

(7) 7837 *Solanum*

Tree like shrub 10-15 ft. Flr white.

(7) 7838 (mch) *Pavonia malacophylla* (nees et mart.) ^{Gurke} det D.

"Guácima" Fiber plant erect 4-5 ft
petals pink, seed gummy ver. mch.

(2) 7839 (Orchid)

Growing on Citrus Tree. Flr reddish

(4) 7840 (Gra)

"capin favorito" Cult. escaped.

(4) 7841 (Bromel.)

Epiphyte.

Basal ^{floral} bracts red-orange

Flr. yellow.

7842 -

Highway near Boaque Municipal
Nov 18 1942 Bebe

(8) 7842 Pavonia fruticosa (Mill.) Fawc. & Rendle
~~6-12 in~~ 1-2 ft det Nash

Shrub, erect, usually only 1 branched

Flr. appearing singly, white.

(5) 7843 Cephaelis colorata Willd. det B

Bracts purplish, Corolla white below
purple above. Flt bluish.

Shrub 1-1 1/2 ft

(10)

7844 *Cyathula prostrata* (L.) Blume ^{det B}

(2)

7845 *Caladium*

Veins red, fls with irregular white spots

(2)

+1 = (3)
7846 *Caladium*

Lf green with scattered white spots
planted I.A.N.

(4)

7847 *Codonanthe calcarata* (Miq.) ^{det C.V. Morton} Hance.

Epiphyte on lower trunk of tree.

Flr white with faint purplish marks

Lf fleshy.

7848 -

Cult at Horto Cypriano ^{Santos} ~~Forres~~

Garden of Fomento de Agric. Belm

Nov 18 1942

(19)

7848 *Loudocarpus* ^{Killip et Sm.} ~~unica~~ ^{ver H}

In fruit. 1-2 seeded

(6)

7849 Cyper.

Weed.

④ 7850 *Boehmeria nivea* (L.) Gaud. ^{det B}
"ramie" cult for fiber. 5 ft high.

③ 7851 (Malv.) *Hibiscus abelmoschus* L. ^{det Mel}
Fiber plant. Flr. canary yellow

7852—

Rio Guama, IAN. Nov 18 1942

④ 7852 *Solanum*
"cubini" Shrub 4-5 ft ^{tapered toward point}
Petals ^{green} woolly, fruit plum shaped
red-yellow. $1\frac{3}{4}$ ⁱⁿ long. diam slightly
less.

Plant near main office

⑤ 7853

"guajara-i" Tree

⑥ 7854 *Swartzia / acuminata* Willd. ^{Det D.}
"pitaiia" Tree ^{ver H}
Frt separate

0 —

* 7855 *Hevea brasiliensis*
^{South}
north woods IAH Bele
Nov 16 1942
Wood spec only.

0 —

* 7856
"Acapu" Ditto local
Lumba Tree
Wood spec only

0 —

* 7857 *Bauhinia*
"cipo de macaco" Ditto local
wood spec only

① 7858 *Louche. urucu. K. + S.*
Kilometro 18 N of Belém Nov 17 1942
Flr. spec.

④ 7859 *Louche. urucu K. et S. vert H.*
Ditto local. Spec to show inflo.
which failed to develop fruit.
This occurs frequently.

7860-

South ^{forest} ~~part~~ of IAH property,
Nov. 25 1942

(10) 7860 *Bauhinia splendens* HBK det D.
ver H

In recently cleared land. Small vine
Petals golden outside, whitish inside

(5) 7861 *Bauhinia splendens* HBK det D.
ver H
Same as 7860?

(9) 7862 ~~Asclep.~~ *Blepharodon Steudelianum* (Miq.) Pullé
det Woodson
small vine 6-15 ft long. Latex.
Flr. greenish.

(11) 7863 ~~Nicotiana~~ *Chelonanthus*
Open places. Herb. 3-5 ft Flr
greenish.

(6) 7864 *Passiflora*
Small vine growing among grass.
Flr ~~pro~~ lavender corona, scented

(4)

7865 Solanum

Slender shrub 6-10 ft Flr lavender

(4)

7866 Solanum

Erect shrub 10 ft Flr lavender

(14)

7867 Calathea

Flr 1-2 ft high Open places. Flr white with pink markings.

(3)

7868 Thunbergia alata Boj. det M. V.

Small vine, corolla dull yellow ^{limb} with brown center purple tube.

(6)

7869 (Leg) Calliandra surinamensis Bth. ^{det D.} ^{ver H.}

Shrub Flr. white below red above.

"marajú" ~~said to become a large tree.~~

(7)

7870 (Apocyn) Tabernaemontana flavicans R+S ^{det H. Woodson}

Shrub 1 ft. Flr. white, with cream

center. Thick latex, very sticky.

Open cleared places

(5)

7871 Gram

Clumps, 6 ft high.

(6)

7872 Luffa

Cult vine

(3)

7873 Vitex triflora ^{Vahl} ~~Mold.~~

det D.
ver. B

Shrub 2 ft Flr ~~lvs~~ purple

(5) + 1 = (6)

7874 (Leg) Canavalia gladiata Bth. ^{det D.}
^{ver. H}

Cult for cover crop. Flr lavender
tinted

Frt. separate

(12) + 2 = (14)

7875 Solanum grandiflorum R. & P. ^{ver. McV}
^{det D.}

"pumbaba" Tree like shrub 10-15 feet.

Flr. purple. Frt ^{spherical} grey green when ripe.

S. coll.

(8)

7876 Maripa scandens Aubl. ^{det D}

Liana

(3)

7877 *Hymenaea oblongifolia* Hub. <sup>det D.
ver H</sup>
"jat jutahy - miry"
Frt edible. Large tree. Timber

(7)

7878 *Qualea albiflora* Warm. det D.
Large tree

(4)

det D.

7879 *Rhedia macrophylla*
"Baepariy" ^{uay} Tree Frt edible

(5)

7880 *Machaerum trifoliatum* Ducke <sup>det D.
ver H</sup>
Liana Rare.

(9)

7881 *maripa*
Liana

(2)

7882 *Virola surinamensis* (Rol.) Warb. <sup>det D.
ver B</sup>
"ucyba" ^{ky} Tree Frt. produce oil

(9)

7883 *Swartzia racemosa* Bth. <sup>det D.
ver H</sup>
"mutuchi dura" Tree

(11) 7884 *Protium*

"breu branco" Pitch from trunk
used for water proofing, especially
boats. Large tree

(10) 7885 *maculobium bifolium* (Aubl.) Pers. ^{det D}
"ipê" large tree. _{ver H}

(5) 7886 *Eschweilera* cf. *odora* (Poepp.) Miers ^{det B}
"mata mata preta" Tree ~~lumber~~
Lumber. Wood spec

7887 -

Roads & fields IAH. Nov. 28/94/2

(3) 7887 *Crotalaria retusa* L.

^{det D}
_{ver H}

2 ft. standard brownish outside
Keel & wings inside standard yellow

(5) 7888 *Polygala mollis* HBK

^{det B}

Hert, slender 8-18 in. Fl. pale
lav. tinged 1

5 Waltheria americana L. det D
7889 ~~malva~~ ~~Stenactis~~

"malva branca"

Stems used for fevers. Shrub 4-5 ft.
Flr yellow

8 7890 Heliconia
Bracts reddish flr. orange.
In association

6 7891 (malv) Urena lobata L. det D
ver. met
1-4 ft high Flr pink Fiber plant.
"guazima"

3 7892 (Comp) Erigeron bonariensis L. det B
Erect. 3-4 ft. Flr. pale greenish

6 7893 malva. ~~Waltheria~~ Urena lobata L. det met
"guazima" 4-5 ft. high Flr pink.
Fiber plant

3 7894 Leg. Machaerium ferrugineum (Willd) Pers. det D
ver. H
Road - front of ICH Nov 30 1942
same plant as 7648

7895-
South woods of IAH Nov 30 1942

② 7895 *Rourea swinamensis* Mig. det Mel
Liana South part of IAH
Nov 30 1942

② 7896 (Cyclanth.)
"Timbo' assu"

③ 7897 (Bomb.) *Quararibea guianensis* Aubl. det D.
"Imajá-rana" Awore, Fiber ver Mel V
frw dark. Flr. white

⑤ 7898 (Leg.) *Inga nobilis* Willd. det D.
"ingá" Awore ver H

⑦ 7899 (Leg.) *Machaerium leiophyllum* (DC.) Bth
Liana det D.
ver H

④ 7900 *Macrobium bifolium* (Aubl.) Pers.
"ipe" Tree det D.
ver H

⑤ 7901 *Pithecolobium latifolium* (L.) Bth. det D.
Tree Flr. reddish above white
below ver H

④

7902 Buettneria
Liana

⑤

7903 Licania macrophylla Benth. ^{det D.}
"pintadinha" Tree. Used for
wood. Fl. dull area

⑦

7904 Moutabea guianensis Aubl ^{det B} ex. char.
Tree Lvs very brittle

⑩

7905 Protium
Tree

⑥

7906 Cynometra
Tree

⑥

7907 Spondias ^{mombin} ~~lutea~~ L. ^{det B.}
"Taperibá" Tree

②

7908 Begnon.
Liana. Fl rose.

7909 Omitted

7910 - South Woods IGH

Dec 2 1942

(10) 7910 *Virola swinamensis* (Rol.) Warb. det D.
"ucuhuba branca" ver B

Tree. Oil from seed. Wood for
lumber. etc. Wood spec

(10) 7911 *Protium*
"gren vermelho" Tree, large.
Roots used by natives to start fires
Wood spec

(3) 7912 *Inga* sp. (aff. *I. subsericantha* Ducke) det H
Tree

(5) 7913 *Bauhinia rubiginosa* Bong det D.
Liana ver H

(11) 7914 *Lucuma*
Tree. Seed used as stomach remedy
Fruit separate

⑩ Saccoglottis amazonica Mart. det D.
7915 ~~Couepia?~~
"ach^{ua}arana" Tree ~~Fls in tree~~
Fruit separate

⑪ 7916 Terminalia guianensis Eichl det D.
Tree, large
S Coll.

⑩ 7917 (~~Malpighia~~) Bunchosia det B
Liana. Flr yellow
Extra frt.

③ 7918 Passiflora
Flr white

⑨ 7919 Solanum rugosum Dunal det McV
Shrub. 10 ft. Flr white
Juice from leaves mixed with
Cibadium as fish poison
Caju-sal.

⑧ 7920 Rowsea surinamensis Mig. det McV
Liana Flr white

7921-

South woods IAH Dec 4/1942

(4) 7921 *Hura crepitans* L. ver. mcl
"assacú" Tree.
Frt separate

(7) 7922 ~~Bursera~~ ^{ver B} *Tapirira guianensis* Aubl. ^{det D.}
"fren" Tree

(6) 7923 (Bapol) *Chrysophyllum*
"guajará" Large tree

(10) 7924 *Sterculia* ^{pyr}*pyriens* (Aubl.) Schum. ^{det D.}
Tree Frts in clusters of 1-5
usually 3
Frts separate

(10) 7925 (Leg) *Pithecellobium juruense* ^{Harms}
~~Inga~~ ^{det H}
Tree
3 coll.

(10)

7926 *Clusia grandiflora* Spilzg. det D.

Epiphyte Frt. onion shaped

+ onion-like, whitish with

pale green stripes. 6 x 6^{cm}, pointed

Frt separate

Slight latex

(5)

7927 *Carapa guianensis* Aubl. det D.

"andiroba" Tree

(9)

7928 (Sapot) *Chrysophyllum*

"guajará" Large tree

(10)

7929 Bram.

Behind Admin. Bldg. IAN

Dec 4/1942 Spreading by

above ground stolons 1-2 yd

long. rooting at nodes.

7930 -

South Woods of IAN Dec 5/1942

(7)

7930 ~~Clusia~~ *Norantheca guianensis* Aubl. det D.

Epiphyte Flr. Chinese red.

(5)

7931 *Eustavia angusta* L. det D.

Petals white, stamens & disk cream
color. "geniparana" Shrub 5 ft.

(H)

7932 *Clusia*

Liana. Latex

(9)

7933 *Monnina trifolia* L. det McV

Shrub 1-2 ft Flr white

(7)

7934 ~~mentha~~ *maraypianthes chamaedrys* (Vahl.) Kuntze
Herb. ca 1 ft. Flr lav. L or faint
odor, gummy det Freema

(3)

7935 *Dorstenia*

7936 -

South Woods IAH Dec 7 1942

(H)

7936 - ~~Phytolac.~~ *Sequiera americana* L. det B

Liane

Flr green

10

7937 Malpigh.
liane.

5

7938 Crinum

near water. ~~Fbr white~~ Stem oval
in ~~outline~~ cross-section Petals
white, stamens & stigma green

7

7939 Cassipourea guianensis Aubl. ^{ver B} det D.
Tree

6

7940 Guarea

Tree Fbr cream

4

7941 Norantea guianensis Aubl. det D.
liane.

10

7942 Loranth.

~~"copahyfa" Tree. Oil secured
from trunk.~~

7

Cynometra spruceana Bth. det D.
7943 (leg). ~~Copaifera~~ ^{ver 17}

"copahyfa" Tree Oil secured
from trunk.

④ 7944 Psidium

Tree Frt. about 4 X 3.5 cm.

pale greenish rind, flesh pinkish mottled.

Leaf spot H-447

⑥ 7945 ~~Rut Sapind.~~ ^{Fagaria} *rhicifolia* (Lam.) Engl. det D

... Eshada front of IAH Dec 7/1942

Arvore grande, "Tamangueira"
large tree

④ 7946 Plumbago scandens L. det D
ver D

Plb local. Flr white

"~~acido dufova~~" Grass juice for
leaves plasters skin.

Herb.

⑤ 7947 Grinum oval cross sect

South woods IAH Dec 8/1942

Bulb 8 in. diam. Flr. stalk 4 ft 4
high, Flr. pink.

Bulbs planted IAH

(5)

7948 *Banara guianensis* Aubl. det D.
Liana Flr yellow

(un)

7949 *Apeiba echinata* var. *macropetala* ^{det D.} Ducke
Tree "Ponte de macaco"

(un)

7950 *Lonchocarpus urucu* K et Sm.
Kilometro 18 Dec 9 1942
Flr spike produced only 3 ft.
1 of which was lost.

7951 -

South woods IQH Dec 11 1942

(7)

7951 *Hirtella racemosa* Lam. forma ^{det D.}
Shrub 4 ft. Flr lavender

(7)

7952 (Leg) *Taralea oppositifolia* Aubl. ^{var. H det D.}
Large tree

(10)

7953 (Leg) *Lonchocarpus glabrescens* Bth. ^{var. H det D.}
Liane

⑥ 7954 Combretum
Liane

⑦ 7955 Protium
"breu" Flr greenish Tree

⑤ 7956 (leg) Macrolobium bifolium (Aubl.) Pers. <sup>ver H.
det. D</sup>
"ipe" Tree
Wood spec

④ 7957 Cassia chrysocarpa Desv. <sup>det D.
ver H</sup>
Flr yellow

④ 7958 Ambelina ^{grandiflora Huber det O.}
~~teniflora Muell Arg?~~
cult.
"pipino do matto" Small tree
Flr white, scented. Copious latex.
Museu Goeldi Belen Para
Dec 12 1942

7959 —

South woods I & II Dec 13 1942

⑤ 7959 Cordia tetrandia Aubl. (?) ^{det B}
Large tree. Interior of fruits is gummy

(8)

7960 *Pterocarpus amazonicus* Huber

ver. H
det. D

~~liane~~ Small tree.

(6)

7961 *Guazuma ulmifolia* Lam. det. D.

Tree Fl greenish yellow

(5)

7962 *Diospyros*

~~liane~~

(8)

7963 *Sterculia elata* Ducke

det. D

Tree

Fruit separate

(8)

7964 ~~*Coccoloba*~~ *Saccoglottis amazonica* Mart. det. D.

"uchyrana" Tree

Fruit separate

(6)

7965 *Omphalea diandra* L. ~~det. D.~~

det. D.
ver. Mel

Liane

(10)

7966 *Trichilia*

Tree

6 7967 (leg) *Inga capitata* Desv. det D.
ver H

Large tree

7 7968 (Buttif) *Symphonia globulifera* L.f. det D.

"anani" Large tree, yellow
latex used to waterproof boats

4 7969 (leg) *Pithecellobium latifolium* Bth. det H.
"inga" Inga

6 7970 *Protium*

"bren branco" large tree

Resin from tree used for waterproof-
ing boats. Timber tree.

Fruit edible.

Wood spec.

9 7971 *Protium*

"bren vermelho" Large tree

Resin used for waterproofing

3 7972 *Macplobium*
~~Bauhinia~~ pendulum Willd. det D.
ver H
small tree
~~leaves~~ Petal white

var. ^acaerensis Hub. ³

det D.
reg. H.

7973 *Caesalpinia ferrea* Mart.

"juca" Cult tree Belem

Bark used in infusion for
bronchial infections, (See no. 8043)

7974 Bromel.

South woods. IAN Belem

Dec 14 - 1942 Epiphyte

Bracts reddish.

Living plant for pot.

7975 -

^{mi}
1/2 S.W. of IAN Belem Para.

Dec 15 1942

5 7975 (Euphorb.) *Alchornea cordata* (Juss.)
Shrub lat branches 6 ft.

Muell. Arg.

det M. V.

5 7976 *Siparuna guianensis* Aubl. det D.
"capitiú branca"
Small tree. Fls. red blush.

④ 7977 Grass.

③ 7978 *Moutabea guianensis* Aubl. ^{det B} ex. char
Liane.

⑤ 7979 *Neea* cf. *divaricata* P. & E ^{det B}
Tree.

④ 7980 *Smilax*
~~Liane~~ Climbing

③ 7981 *Coccoloba guianensis* Meisn. ^{det Mel}
Liane Flr. cream.

7982 —

South woods IAH. Dec 16/1942

③ 7982 *Costus*

"Anana brava" Flr white

④ 7983 *Trichilia*
Shrub 4 ft.

7

7984 (leg.) *Apuleia molaris* ^{ex Bth.} Spruce
large tree det D.
ver H

3

7985 *Norantea guianensis* Aubl. ^{det D.}
~~liane~~ Climbing epiphyte

6

7986 ~~Ficus~~ *Marcgravia*
~~liane~~ Climbing epiphyte

7987 —

Highway Roadside near Boaque
municipal, Belém

Dec 17 1942

4

7987 *Tocaranda copaia* (Aubl.) D. Don ^{det D}
"para para ~~??~~" slender, very tall
tree with terminal tuft of leaves.
Stem at this time. In a yard.

4

7988 (melast) *Miconia*
Shrub Flr white

4

7989 melast.
Shrub Flr white

③ 7990 (Melast.) Tococa
Shrub

⑥ 7991 Heliconia
Bracts chinere red, flr. orange.

③ 7992 Myrcia
Flr white

④ 7993 Melast.
Shrub. Stems & lower leaf surface
red purplish, Flr white, Frt
orange

⑦ 7994 Kummeria brasiliensis Mart. ^{det D}
Large tree

⑦ 7995 Simaba cedron Planch. ^{det A.}
"pão para tudo" Tree Belém
Museu Goeldi Cult. Para
Dec 17 1942 Flr. greenish
Frt ~~reddish~~ dark reddish.
Frt apert Lf 3 - 3 1/2 ft long.

7996-

South woods IAH Dec 18/1942

④ 7996 Loranth.

⑤ 7997 (Myrtac.)

Shrub Fls. white with red
flush.

④ 7998

Tree

② 7999 *Sagotia racemosa* Baill.
~~leg~~ (Sterile)

det McL
(see note)

"arataciui" Shrub 2 ft. Roots
fragrant. Scraped - water and
used to scent clothing.

⑥ 8000 (leg) *Apuleia molaris* Spruce ^{det D} ver. H
Tree

⑦ 8001 *Solanum*
Liane

⑥ 8002 *Inga edulis* Mart. det D.
Tree. ver. H

⑦ 8003 (leg) *Inga mobilis* Willd. det H
Tree

④ 8004 (Aracac) *Anthurium*
Epiphyte frt red.

⑦ 8005 *Rinorea flavescens* (Aubl.) Kuntze det B
Shrub 3 ft.

⑥ 8006 *Rinorea racemosa* (Mart.) Kuntze det B
shrub 5 ft.

⑦ 8007 *Casearia javitensis* HBK det McV
Shrub 4 ft.

⑤ 8008 (melast.)
Shrub 2 ft Frt red

⑥ 8009 *Ambelania tenuiflora* Muell.-Arg. det D
Tree large "pepino de mato"
copious latex. Fruit yellow when
ripe

2

8010 *Tournefortia*
Shrub 5 ft.

7

8011 *Solanum salviifolium* Lam.
Liane Flr white

4

8012 *Dialium divaricatum* Vahl. det D.
Shrub 5 ft. ver. H.

6

8013 *Myrcia*
Shrub 3 ft. "m^urto"

4

8014 (Gesner.) *Alloplectus patrisii* DC. det Mcl.
Along road near IAH Dec 20/1942
Epiphyte ^{Floral} Bract red rose

8015 —

near IAH ^{1 mi} south west. Dec 21
1942

6

8015 *Securidaca pubescens* DC. det B
Climbing ~~liane~~ Flr rose

⑥ 8016 Rinorea passourea (Aubl.) Kuntze (?) det B
"no fls" ?
Liane

④ 8017 Guarea
Tree

④ 8018 Pipa
Shrub 2 ft.

⑤ 8019 ~~leg~~ Cajanus indicus Spreng. det A.
Feijão de Guandú "cult. edible frt."

8020 -

South woods IAH Dec 22/1942

② 8020 Solanum ?
Liane Fl. lav.

⑩ 8021 (leg) Calliandra surinamensis Bth. det D
Shrub 5 ft Fl. white ver H

③ 8022 Salacia
~~large tree~~ Liane

⑥ 8023 *Heliotropium indicum* L.
(Borag).

det B

Fl. Lav. Herb 1 ft.

"

⑦ 8024 *Tabernaemontana flavicans* ^{det Woodson} R+S.

Shrub 1-2 ft Fl white. Latex

copious

⑧ 8025 ~~Rosa?~~ *Pereskia*

~~longistylis~~ Fl pink, "Rosa da India"
cult.

④ 8026 (Acanth.) *Justicia* sp. perhaps new ^{det Leonard.}

"Calipso" Fl. dull purplish Shrub 3 ft

③ 8027 *Cucurbit.*

Fl orange

⑤ 8028 *Bauhinia*

Liame Fl rusty cream

⑥ 8029 *Himatanthus articulata* (Vahl) Woods. ^{det Woodson}
~~Plumifera~~

"~~Succo~~" Fl cream

^{used as purgative}
Latex copious

Flt separate

"Succiniba"

(4)

8030 (Sapind.)

Flt russet red Tree large

(6)

8031

Shrub 4 ft.

(4)

8032 Heisteria scandens Ducke det D.

Shrub 4 ft

(doubtful any B
no flr or frt.)

(5)

8033 Cucurbit.

(4)

8034 Bertiera guianensis Aubl. det. D.
ver. B

Shrub 4 ft

(6)

8035 (Leg.) Acacia multipinnata Ducke

Ligne

~~Tree large~~

Flr white

det D.
ver. H

8036 -

1-2 K. S of main Bldg.

South Woods IAN

Dec 23 1942

(2)

8036 Tephrosia toxicaria Pers. ^{ver. H}

Shrub 2 ft high "Timbo de cayenna"

Seed to plant Growing near old

house

5

det wooden
wood.

8037 (Apocyn.) *Odontadenia cognata* (Stad.)
Liane Flr yellow latex

5

8038 *Tococa*
Shrub Flr rose ~~to~~ With myrmecophilous leaves.

4

8039 (Comp.) *Mikania*
Vine.. Flr dirty white

6

8040 *Cordia nodosa* Lam. det D.
large ver B
Tree, myrmecophilous
Flr white

8

8041 *Conceveiba guianensis* Aubl. det D.
ver Mel
Tree large.
mature frt separate

6

8042 *Myrcia*
"murta" Shrub 4 ft Frt edible
by birds

7

var. *cearensis* Hub.

8043 *Caesalpinia ferrea* det. D.
var. H
"juca" Bark med. for cough
[See 7973] Large Tree, Flr yellow
with brown markings.

⑧ 8044 *Pogonophora schomburgkiana* Miers ^{det M.V.}
Shrub 4 ft.

③ 8045 *Ouvatea castaneaefolia* Engl. ^{det D.}
Shrub 4 ft.

⑧ 8046 (Bign.)
Liane.
Frt separate

⑤ 8047 *Vitex triflora* Vahl. <sup>det D.
ver. B</sup>
Shrub 2 ft. Flr. Lav.

⑤ 8048 (Leg) *Inga heterophylla* Willd. <sup>det D.
ver. H.</sup>
"ingā-i" Shrub 5 ft. Frt eaten
by birds & parrots. Flr. white

④ 8049 *Passiflora*
Flr. white & purple. On fence
near Bldg. IAN. Dec 23/1942
with rust H-444
Frt spherical 3 cm diam. yellow
when ripe. Edible
"maracujá"

8050 -

1-2 K. S of main bldgs. IAH.

Bele Para. Dec 24/1942

8050 omit.

~~8051 Tephrosia toxicaria~~

~~"timbo de cayenna" growing
near old house.~~

~~seed & plant~~

② 8051 Aegiphila

Flr. pale greenish Liane

③ 8052 ~~by~~ Securidaca

Flr lav. Liane

⑤ 8053 Vismia

"Lacre" Tree

⑤ 8054 Scleria

"Tirica" 3 ft high

⑤ 8055 Lophostoma calophylloides Meisn. ^{det D}

Liane. Lf aromatic

⑥ 8056 (Asclep.) *Sabicea aspera* Aubl. det B
Liane Flr white Latex.

⑤ 8057 *Machaerium ferrugineum* (Willd.)^{Pers.}
Liane ~~Latex~~ det. D.
ver. H.

⑦ 8058 *Myrcia*
shrub 6 ft. Flr white Frt
reddish

⑥ 8059 *Sloanea guianensis* Bth. det D.
Shrub 4 ft

⑦ 8060 *Marcgravia*
Liane

⑥* 8061 *Alexa grandiflora* Ducke
cult. Museu Boeldi Belem Para
Dec. 5 1942 same tree as)
Fruits only (See 7630) Seed 2 plant
+ + + + +

⑤ 8062 *Hevea brasiliensis* ^{CHBK) muell. Arg} Aubl. det Melv
Pithe local
Look up chart at Museu Boeldi & see if
has data.

⑦
806³

Cleome spinosa L.

det MelV

"masambira"

Horto Cypirano Santos, Fomento do

Agri. Belém, near IAH. Dec 29

1942

Herb 5 ft. ^{weed.} Flr. petals white
stamens purple. Older stem spiny

8064-

1-2^K South of main bldg IAH.

Dec. 29 1942

④

8064 (Connar.)

Liane

④

8065 *Aristolochia burchellii* Mast. (?) ^{det B}

Vine

"need flr." →

⑤

8066 *Polygala spectabilis* DC. ^{det B}

"~~camambeca~~" Shrub 2 ft.

Flr white "caá-membeca"

(6)

8067 (Sapind.)

Large tree Flr white

(4)

8068 *Phytolacca rivinoides* Kunth, ^{+ Bouche} det B

Herb 1-2 ft "Caruru de saudade"

Lv. edible when cooked

(6)

8069 *Dialium divaricatum* Vahl. ^{det D} _{ver H}

Shrub 5 ft.

(3)

8070 *Gustavia augusta* L. ^{det D.}

"geniparana" Small tree. Flr white

(4)

8071 *Picinus communis* L. ^{det McV}

"carrapateira" Herb 5 ft.

Seed used for oil. Escaped.

(2)

8072 *Tabernaemontana angulata* ^{Mart.} _{det Woodson}

"jasmin da mata" Shrub 3 ft.

Flr. white Copious latex

⑥ 8073 Myrtac.
"pitão da mata" Shrub. Fl. red
edible.

④ 8074 (Myrtag.) Nees ovalifolia Spruce ^{vel off.}
Shrub 1 ft. Fl. red. _{det B}

④ 8075 Swartzia
Shrub 5 ft. Infl. ^{from on trunk} cauliferous

⑥ 8076 Licania incana Aubl. _{det McV}
"caraipe-rana" ~~caraperana~~ Bark of tree burned
+ ashes mixed with clay to make
jugs + other utensils.
Large tree. Fl. greenish

⑥ 8077 Pogonophora schomburgkiana Miers. ^{ver McV}
"acaporu" _{det D.}
"capote verde" Large tree. Timber
Used in construction. Fl. white
scented.

③ 8078 Myrcia
"murtinha" Shrub 4-5. Fl.
white. Fl. red. + edible by birds

③ 8079 *Jatropha curcas* L. det McV
"pião" Fruits used as purgative
Shrub 5 ft. Fl green

⑤ 8080 *Mascagnia sepium* (Juss.) Griseb. det McV
Liane.

④ 8081 *apiaba*
Shrub 5 ft. Fl pale yellow - cream.

④ 8082 *Viola surinamensis* (Rol.) Warb. ver D
det D.
"uchuba" "ucububa"

④ 8083 (Leg), *Apuleia molaris* Spruce ex B. Th.
det D.
ver H
Large tree

③ 8084
Large tree

④ 8085 *Hevea brasiliensis* ~~Latex~~ (H.B.K.) Muell. Arg. det McV

② 8086 (Leg), *Inga nobilis* Willd. det H
Large tree

⑥ 8087 *Cynometra cuneata*?
large tree

⑥ 8088 *Trichilia*
Flr. cream large tree

② 8089 *Eugenia*
"murtan^{grande}" Shrub 5 ft
Flr white scented

④ 8090 *Monnina trifolia* Aubl. ^{det D.}
"pimenta de lagarto" Herb. ^{ver. Mel}
Flr white

K. 18 SE of Belém Jan 2 1943

8091—

S. woods of IAH about 2 Kilom.
from main Bldg. Jan 2-4 1943

④ 8091 *Bauhinia platycalyx* Benth.
Lianer. Flr white. ^{det D.}
_{ver H}

② 8092 *Mimusops Huberi* Ducke det D
"massaranduba" Large tree.
Produces balata.

④ 8093 *Pentaclethra filamentosa* Bth. ver H.
"paracay" Tree.

⑦ 8094 ~~*Cordia tomentosa*~~ *Cordia pubescens* Spruce ex Bth det D
"jutaby-rana" Large tree.

⑤ 8095 (Bignon.) *Lophostoma calophylloides* Meisn. det B
Liane Flr white

⑥ 8096 (Leg) *Inga capitata* Desv. det D ver H
Large tree.

④ 8097 *Cordia multispicata* Cham. det D ver B
"caru-caa" Shrub 5 ft.
Fiber secured from bark. Flr white

④ 8098 (Comp) *Mikania micrantha* HBK det B
Vine - Flr white. Scented

- ④ 8099 *Henriettia succosa* (Aubl.) DC. ^{det D}
 Large tree Petals white stamens
 pink.
 "papa terra branca"? Frt eaten
 by parrots
- ④ 8100 (~~Guttif.~~?) ^{Tz + Pl.} *Tooomita stigmatorosa* ^{det Mcl}
 Tree Shrub 5 ft "manguerana"
- ① 8101 *Ficus*
 Shrub 4 ft.
- ② 8102 (Comp.) *Spilanthes ciliata* HBK. ^{det B}
 "jambo-rana" Lvs. edible when
 cooked in soups. Herb.
- ④ 8103 Grass
- ⑤ 8104 (Rub.)
 Shrub 4 ft.
- ⑥ 8105 (Melast.)
 Shrub 3 ft

(5) 8106 *Ambelania* det D.
"pepins de matto" *tenuiflora* Muell.-Arg.
Large tree, Frt edible

(4) 8107 *Alpinia*
"vindecaá" 6 ft high. Fls
raceme borne at base, raceme
flr. + frt chinise red. Lf. up to 3 ft
long.
Planted IAN.

(4) 8108 *Psychotria*
Frt ~~pe~~ dull reddish. Shrub 2 ft

(5) 8109 *Clidemia*
Flr white Shrub 3 ft.
"catia" "cachirringa"

(3) 8110 *Anona*
"araticú" Shrub 5 ft.
Frt yellow when ripe Edible

(3) 8111 (Connar.) *Rourea surinamensis* Mez. det Mez
Tree Flr cream faint scented

③

8112 Passiflora

Petals white gynophore purple
+ lavender

④

8113 Sesamum indicum L.

"gergelim" Herb. Cult.

Flr white tinted with pink.

⑤

8114 Casearia javitensis H.B.K.

det Mel V

Shrub 4 ft.

⑥

8115 (Celast?)

Shrub 4 ft. Flr ~~white~~ cream

⑦

8116 (~~Connar.~~) Rourea surinamensis Mez.

det Mel V

Liane Frt purple

⑧

8117 Cestrum

Shrub 3 ft. Frt deep blue purple

when ripe

⑨

8118 (Convolv.)

Liane Frt. deep purple almost
black.

(4) 8119 (Apocyn.) *Odontadenia puncticulosa* (Rich) Pulle ^{det Woodson}
Liane. Copious latex. Flr. yellow

(3) 8120 *Aegiphila*
Shrub 4 ft Flr green

(5) 8121 *Zschokkea aculeata* Ducke ^{det Woodson}
" ~~virgata~~ " Tree large.
Latex Sap used as glue or paste
Lf brittle

(6) 8122 *Cassia reticulata* Willd. ^{det D ver H}
"matapasta" Small tree 15 ft.
Flr yellow

(unc) 8123 *Gustavia augusta* L. ^{det D}
"geniparana" Shrub 3 ft
Flr white.

(3) 8124
Epiphyte

Archer 8127

add. to

~~det.~~ det

Solanum jamaicense Mill.

det. L.B. Smith

⑥ 8125 Manihot, aff. amazonica Ule det McV
Shrub 3 ft Latex not abundant.
Seed to plant.

⑤ 8126 (Leg) Mimosa asperata L. det. D
ver. H
"juguiruy" Shrub 3-4 ft.
Flr pink

⑤ 8127 Solanum
3-4 ft Flt red when ripe
Flr petals white

③ 8128 (Sapind.) Cardiospermum grandiflorum Sw. det B
Vine Flr white

⑤ 8129 (Leg) Inga brachystachys Ducke det H
Large tree.

8130 -

South Woods IAH 1-2 K S of
Office Jan 11⁻¹² 1943

④ 8130 Piper
Shrub 5 ft.

5 8131 *Lacistema*
Shrub 5 ft Fl red.

4 8132 ~~Rub.~~ *Justicia pectoralis* Jacq. det Leonard
Herb 1-2 ft. Fl lavender

4 8133 *Henriettia succosa* (Aubl.) DC. det D.
Tree large. Petals white, stamens
pink "candelarana"

5 8134 *Lindackeria pauciflora* Benth. det D.
Shrub 4 ft. (rare according to D.)

4 8135 *Guatteria*
"invira" large tree

5 8136 *Erythroxylum*
Shrub 3-4 ft

2 8137 *Mikania amara* Willd. f (?) Sterile
det D.
"cipo catinga" liana
Stems only very aromatic
used in medicinal baths

(2)

8138 Arac.

Epiphyte

(unc)

8139 (leg.) Dioclea

Liane Flr. Lav.

(5)

8140 Myrcia

Flr.

"murto" Shrub 2-3 ft. Bracts
reddish ~~the~~ petals & stamens white
sweet scented. Would make good
ornamental. Planted IAH

(2)

8141 Aegiphila.

Liane. Flr. pale green-yellow-green.

(6)

8142 Casearia javitensis HBK det M. V.

~~Large~~ ^{Small} tree Flr. dull reddish

(4)

8143 Protium

Shrub 4-5 ft Wood aromatic

(3)

8144 Bauhinia

Small liane Flr. red.

(3) 8145 *Quararibea guianensis* Aubl. ^{det B.}
"inagá-rana" Tree Flr ^{ver. McV}
white

(6) 8146 *Sagotia racemosa* Baill. ^{ver. McV}
"arataciú" Tree. Roots aromatic
sold - Belena ~~to~~ perfume baths.

(4) 8147 *Salacia*
liane. Flr greenish

8148 —

South woods ca 1K S of Main
Bldg. Jan 21/1943

(4) 8148 *Cassipourea guianensis* Aubl. ^{det B.}
Shrub 5 ft. Flr. white inside
green outside.

(5) 8149 (Euphorb.) *Croton hirtus* L'Her. ^{det McV}
Hert 1-2 ft. Flr. white

⑥ 8150 *Manihot* ^{3/4} *glaziovii* Muell. Arg. ^{det. M. V}
cult. ? 6 ft high. Only 1 seen.
Flr. greenish with reddish markings
at base. Latex copious.

② 8151 *Byrsonima coriacea* (Sw.) Kunth. ^{det. M. V}
"murucy vermelho" Large tree
Flr. yellow.

④ 8152 *Rinorea flavescens* (Aubl.) Kuntze ^{det. B}
Shrub 2-3 ft.

④ 8153 *Faramea capillipes* Muell. Arg. ^{det. D} ^{ver. B}
Shrub 5 ft. Flr cream Petals 4
united at base. Branches very
brittle

⑥ 8154 *Peperomia*
^{Creeping epiphyte}
~~Time Small one~~ Leaf fleshy &
brittle

④ 8155
Shrub 5 ft

② 8156 Marckea camponoti Ducke det D
Liane. Calyx whitish with
lavender markings

⑥ 8157 (leg) Inga stipularis DC. det D
ver H
Large tree. Some axil bracts
winged

⑥ 8158 ~~Goupia?~~ Trema micrantha, (L.) det D
Blume
"cupimba" Large tree Frt red
when ripe Timber tree

④ 8159 ~~Solanum~~ Nicotiana
Herb 5ft. Corolla limb pink,
remainder is greenish
"fumo" L.v. cured for smoking.

⑤ 8160 Solan.
Liane Flr white inside, green outside
Frt dull brown when ripe
red orange

④ 8161 Nepsera aquatica Naud. det D
Shrub 1-2ft. petals white, stamens
purple.

- ⑤ 8162 (Melast.)
Shrub 4-5 ft.
- ⑤ 8163 (Melast.)
Shrub 3 ft. Petals white
- ④ 8164 *Chenopodium ambrosioides* L. det B
"mentruz" L or used as cough
remedy.
- ③ 8165 *Paypayrola grandiflora* Tul. det B
Shrub 5 ft. Flr. yellow
- ⑥ 8166 *Myrcia*
"murta" 6 ft Shrub. Frt. wine
color, changing to black when
ripe. Frt eaten by birds.
- ③ 8167 Marant.
River bank Flr red.
- ⑤ 8168 *Cestrum*
Shrub 5 ft Frt blue & black

mcl
det. D.

(4) Lindackeria
8169 ~~Oncoba~~ pauciflora Bth. ex Eickl.
Tree Small tree 8 ft.

8170-

Campo Lyro Castro, Property of
Fomento do Agricultura 18 K.
N of Belem. Jan 21 1943

(4) 8170 Henriettea multiflora Naud. ^{det D}
Large tree, mature frt. red.

(4) 8171 Cephaelis tomentosa (Aubl.) Vahl. ^{det B}
Shrub 2 ft.

(4) 8172 Melast.
Shrub 2 ft

(4) 8173 ~~Cordia~~ Apeiba echinata Gaertn. ^{det D.}
"frigo" Large tree. Sterile.
~~used by Jap. in airplane construction~~
H-448

8174 -
South
Vicinity IAH near main bldgs.
Jan 25 1943.

(2) 8174 Simaba cedron Planch. det D.
"pan para Tundo" Small tree 4-5 ft.
Lvs only.

(3) 8175 (Leg). *Pithecolobium cochleatum* (Willd.) Mart. det D.
Shrub 5 ft. ver. H.

(5) 8176 *Siparuna guianensis* Aubl. det D
Shrub 5 ft. Frt green yellow, red
checked. Frt + leaf aromatic.

(6) 8177 *Tournefortia brasiliensis* (Mart.) Walp. det Walp
Shrub 4 ft. yellow latex
Flr ~~white~~ pale yellow

(3) 8178 (Lecyth.)
Shrub 4 ft. Petals white tinged
with cream & pink scented.

- (5) 8179 *Casearia macrophylla* Vahl. det McL.
Shrub 5 ft Flr yellow, ^{with red dots} when ripe

8180 —

1-2 K. S of main Bldg IAH South
Woods Jan 26, 1943
30

- (4) 8180 *Solanum salicifolium* Lam. det McL.
Shrub 2 ft. Flr. white.

- (5) 8181 *Eleutheria*
"maruparim" Flr white.
Bulbs used as remedy for dysentery

- (5) 8182 ~~*Ipomoea*~~ *mirabilis jalapa* L. det B
Herb 2 ft. "Boa noite" Corolla
pink, filaments purple.
Planted IAH.

- (3) 8183 Cucurb.
Vine Flr yellow Lf. fetid odor.

- (4) 8184 *Croton trinitatis* Millsp. det McL.
Herb 2 ft Flr white

④ 8185 Passiflora

"maracuja" Terrestrial vine
Petals white Stamens lavender
scented Frt egg shaped
7 x 4 1/2 cm.

⑥ 8186 Casearia javitensis HBK det McL

Tree 20 ft. disk of flr. fussy, *
pink, Scented

④ 8187 Myrcia
~~Macaranga~~

"cumato" Large tree. Bark
produces black dye for cloth
etc. Fr white

③ 8188 Ptychocarpus apodanthus Kuhl. det D.
Shrub 5 ft. Frt red.

④ 8189 Paullinia
(Sapind)

Vine Frt reddish when ripe.

④ 8190 Maranta

"araruta" Rhizome used to make
a tapioca "arrow root" for children
& sick people Planted at I Q N
Flr white

(6) 8191 Myrcia
~~Large tree~~ flr. russet colored.
H - 450

(5) 8192 Gram.
3 ft high In clumps

(uni) 8193 Convolv.
vine Flr white with green ribs

(3) 8194 Gossypium
5-6 ft high Flr yellow

(3) 8195 Cordia scabrifolia A. DC. dep B
Shrub 4 ft. Flr white

(uni) 8196 Paullinia
Vine. Flr white
Cuttings planted I A 4

8197 Clusia ilicifolia (Spreng.) Lang. dep B

(5) Large Tree Frt orange, cauliferous
Frt separate

7

8198 *Perebea laurifolia* Tul. det D

Large tree

6

8199 *Petiveria alliacea* L.

var. B

Flr pale greenish. "Mucura-caa"

Leaves used to kill insects

Planted IAN.

4

8200 *Gean.*

1-2 ft

2

8201 Lil.

Bulb 4-5 in dia. ^{Petal} Flr white
with greenish midrib.

Planted IAN.

10

8202 *Caryocar villosum* Pers. det D

"piquia" Med. tree but grows
much larger. Important timber
tree, Frt edible.

H-451. leaf spot rather severe

7

8203 *Miconia*?

"Tintureira" Huge tree. Petals
white, Stamens lavender.

(4)

8204 Arac.?

wet soil. Leaf 3-4 to a plant

pyrifera (Rich.) Witt.

(4)

8205 Rytania (speciosa Vahl)

det D

Shrub 4 ft. Bracts green,

stamens reddish. Poisonous, used
to kill dogs.

(5)

8206 Anon.

"ingireira" Large tree. Bark
produces fiber or cordage.

(4)

8207 Phyllanthus brasiliensis vel. aff. ↑

det McV

Shrub 5 ft.

(see note)

cuttings planted IAH

(4)

8208 Heisteria scandens Ducke

det D
verb

Vine. Fl red.

(5)

8209 Croton matourensis Aubl.

det McV

"~~croata~~" Large tree, Red ^{ish} latex.

Stamens white

(see note)

8210 (Viol) Paypayrola

det H

Shrub 5 ft. Flt gray-greenish

no Herb spec.

* 8211 Fowroya

Cult. in yard near

Iah.

Feb. 1 1943

Bulbils planted Iah.

8212 -

I.A.N. 1 K. S of main Bldg.

Feb 2 1943

(5) *Boerhaavia coccinea* Mill. det B
8212 - ~~Boerhaavia~~ *Boerhaavia paniculata*

"Solidonia" Herb. prostrate.

Enlarged storage root. Flr red.

Tea ~~taken for~~ (root infusion)

taken for liver complaints.

(2) 8213 Gram.

(4) 8214 Miconia

Shrub 4 ft. Flr whitish

"Sapateiro"

(4) 8215 *Moutabea guianensis* Aubl. ex char. det B

Shrub 4 ft. Frt. globular

(5)

8215a (Bignon.)

Vine. Flr. greenish with
reddish blush

(4)

8216 Lantana camara L.

det D
ver B

Shrub 3 ft. Flr. rose & cream
mixed. "São João de Cará"

(5)

8217 (Annon.) Guatteria

"Invira" Large tree. Bark used
as fiber & cordage. Flr grayish
green.

(4)

8218 (Annon.)

"Invira firibã" Large tree
Bark for fiber & cordage.

(4)

8219 Nectandra puchury ^{mart.} Nees et ^{det D}

"Louro preto" Large tree

Flr. cream Furnishes to some
construction timber.

(4) 8220 Guarea trichilioides L. det D.
~~Large tree~~, Small tree

(6) 8221 Derris elliptica Bth. det D.
Cult. Horto Cypriano Santos
Feb. 1, 1943 Belem. see 8283
Cuttings to plant at IAH
Roots to analyze for rotenone

(3) 8222 Tephrosia
Cult. near IAH Belem. Feb. 8
1943. Flr. greenish
Seed to plant. (But accidentally mixed
with no. 8237)

8223 —

S. woods IAH 1-2 K. from
main bldg. Feb 8 1943

(6) 8223 Comp.
Vine. Flr white

(3) 8224
Flr white.

(3) 8225
Flr pink 2 ft.

(4) 8226 *Cacoucia coccinea* Aubl. det D
Liane. Flt poisonous to pigs
Petals orange, Stamens red

(3) 8227 *Sauwagesia erecta* L. det McL
Flr pale pink

(5) 8228
Vine

(4) 8229 (Comp) *Ageratum conyzoides* L. det B
Flr lavender

(5) 8230 Gram.
Wet shady soil.

(5) 8231
Wet shady soil. Lvs purplish
below, above with ^{2nd} grayish bands
either side of mid rib. Flr lavender

(5) 8232
Wet shady soil. Flr. dark blue
Flt rose color.

④ 8233 *Oxalis barrelieri* L.

Flr yellow

acida Aubl. det Woodson

③ 8234 *Ambelania* (^{*tenuiflora*} ~~*tenuifolia*~~ m.-arg. det. D

Shrub 6 ft. " ~~papaya~~ " " ~~papaya~~ " " Latex

④ 8235 *Casearia javitensis* HBK det Melv

Tree 20 ft. Flr red

③ 8236

Shrub 5 ft Flr pink

② 8237 *Tephrosia toxicaria* Pers. det D

Shrub 2 ft.

Seed & plant: (But mixed accidentally with
no. 8222)

④ 8238 mono.

In mud Flr. white. Planted IAN

⑦ 8239 2 ft. ~~Month~~ *Ocimum* *viride* Willd. ^{det Freeman}

Shrub. "Favacum". Tea of lvs
for colds. Aromatic

(4) 8240 *Eugenia* ^{somaliensis}
"gingja" Shrub. Cult. for
astringent fruits.

(4) 8241 *Inga edulis* Mart. det H
Shrub 5 ft. Frt with edible
pulp.

(6) 8242 (Laur.)
Large tree

(4) 8243 *Vismia*
"lacre franco" Large tree.

(4) 8244 *Virola sebifera* Aubl. det B
"achoo" "ucuhuba" Shrub 6 ft
Frt produces oil used in illum-
ination.

(7) 8245 *Pogonophora schomburgkiana* Mierr det Merv
"acapury" Large tree. Used in
construction

④ 8246 *Tabernaemontana angulata* Mart. ^{det Woodson}
Shrub 3 ft.

⑤ 8247 *Myrcia*
Shrub 2 ft. Fl. red.

③ 8248 *Pseuderanthemum atropurpureum* (Bull.) ^{det Leonard Bailey}
Cult. shrub near IAH Feb 12/1942
2 ft. Fl. white.

③ 8249 *Clibadium sylvestre* (Aubl.) Baill. ^{det B}
Shrub 4 ft. Cult. near IAH.
"conambi" Feb. 14 1942
Seed to plant

~~8250 *Hevea frapiliensis*
cult. Museo Goeldi Belem
Feb. 24/1943
Seed to plant~~

⑥ 8250 ~~*Colocasia esculenta*~~ ^{*Xantoxoma?*} ~~*antiquorum?*~~
Escaped. ^{latex} Leaves boiled as food, also
^{rhizome} ~~Tubers~~ also valuable food. Petioles fleshy
Near I.A.N. "Taioba"
Tubers planted.

- ③ 8251 Araceae
Estrada front of IAN Feb. 28 1943
"Tajá" Latex
same habit as Colocasia. Not
edible so far as known. Lf leathery
Planted as ornamental

- ② 8252 Moutabea guianensis Aubl. ex. char. ^{det B}
"guajará" São Miguel de Guamá
Feb. 28 1943 Large tree. Fruit
orange-colored, 3.5 diam x 3 long.
flattened at ends. Containing 4 seed.
Edible but insipid. Collected by
Milton. Frt separate

8253 -

Estrada front of IAN March 2 1943

- ④ 8253 Sol. Castum
herb shrub 6 ft. Frt black when ripe
Flr pale green

- ⑤ 8254 Panicum
"taboquinha" semi climber.

(5) 8255 Solanum.
Lax shrub 6-8 ft.

(4) 8256 Banara guianensis Aubl. det D
"andorinha" Shrub 6 ft.

(8) 8257 ~~Ischokkea~~ ^{Fagara rhoifolia (Lam) Engl.} "tamangueira" det. A.
"tamangueira de leite" "am. D."

Small tree: (See Le Coindre) Could be
used as source of chicle. Latex red.
Wood has odor of vanilla. Flr
green. Older stems ^{& trunk} spiny, also
sometimes the petioles.

(unc) 8258 Bignonia ^{unguis-cati L.} ~~guianensis~~ det A.
Vine.

(6) 8259 Luffa
Vine. Frt 6 X 19, pale green with
darker green ribs.

(4) 8260 Nectandra aff. picturum (HBK) May det A.
"Louro" Small tree Flr. cream.
From same tree as #7572

④ 8261 *Phyllanthus urinaria* L. det H. C. V.

⑤ 8262 *Cassia tora* L. det D
"mata pasto". Herb. 2 ft.

⑤ 8263 *Cephaelis colorata* Willd. det B
"pespada do mato" Flr sheaf purplish
2 ft high

③ 8264 *Passiflora*

③ 8265 *Tabernaemontana flavicans* R. & S. det Woodson
"jasmin de cajon"
Shrub 2 ft. Latex

④ 8266 *Lippia alba* (Mill.) N. E. Br. det B
Shrub 3 ft Lf lemon scented

⑤ 8267 *Anon*
~~Tree~~ Shrub 6 ft

④ 8268 (*Borag* & *Cordia scabrida* Mart. det B
Shrub 4 ft

③ 8269 Costus

3-4 ft high Flr white

"canarana" "Canna de malaco"

"See Le Coite p. 89-90

Planted at IAH as ornamental

④ 8270 Lantana camara. det B

"São João cá" Large tree

Lf. aromatic.

⑩ 8271 Sapium

Museu Goeldi March 5

1943 Large tree. 3 branches with

flr. prob. out of season. Abundant latex.

^{Seed}
Fruit & plant IAH. Outer skin of

seed is red.

Tip of lf. ~~curved~~

curled inward. "murupita"

8272-

Road front of IAH.

March 6 1943

④ 8272 Smilax

Cipo.

④ 8273 Miconia

"sapateiro" Shrub 5 ft. Flr white. Lr disagreeable odor, used to dye hides & skins a red color.

⑥ 8274 (Anon). ^{Guatteria}

Large tree. "viera"

⑤ 8275 Cordia nodosa Lam.

det B

Shrub 4 ft. Flr. white

④ 8276 Onag.

Shrub 3 ft. Flr yellow

⑤ 8277

"murta" Shrub 3 ft. Frt. red.

③ 8278 Aegiphila

Vine. Flr yellow

② 8279

"murta" Shrub 5 ft. Frt red.

⑨ 8280 Sapium
Museu Goeldi Large tree.
coll. Dr Camargo. Copious latex
Scanty fruit. Pé num. 2.
"murupita" III-6-1942

④ 8281 Guarea
Dito local "jatuariba"
Large tree. Flr. white.
Coll. Dr. Camargo

④ 8282 Stigmatophyllum megacarpum (Vell.) ^{Grisb.}
estrada em frente do IAN. ^{det. Melv}
Vine. X-1-1942

⑤ 8283 Derris elliptica
Horto Cypriano Santos, Belém.
Aug. 24, 1942. Coll. Camargo & Ardila
See 8221

8284 —

No woods. IAN 1K from main edge
march #14-15 1943

(unc) 84
82 ~~48~~

Herb "mendoca

(4) 85
82 ~~49~~ Heisteria cf. scandens Ducke det B
Vine, small

(4) 86
82 ~~50~~
Small vine

(4) 87
82 ~~51~~
Shrub 5 ft. Flr white

(3) 88
82 ~~52~~
Vine Flr white

(3) 89
82 ~~53~~ Guarea
"jatariba" Large tree

(3) 90
82 ~~54~~ Beloperone sp. probably new det. EC. Leonard
Herb 3 ft

(4) 91
82 ~~55~~ Marulist, aff. amagonia Ule det MC V
Lax shrub 4 ft
↑
(see note)

③ 92
8256

"maria molle"

Herb. Flr blue

④ 93
8257 *Tournefortia stigmatica* Tr + Pl. vef. affin. ^{det Huel.}
Shrub 5 ft. "~~mangrove~~" "mangrovia"

⑤ 94
8258 *Zschokkea aculeata* Ducke det D.
"malungo"
"Lamangueira" Large Tree. Copious
latex.

④ 95
8259
Large Tree

⑤ 96
8260 (leg) *Inga thibaudiana* DC. ^{det H}
Large Tree

⑤ 97
8261 *Tephrosia toxicaria?*
Cult. shrub "timbo"
4 ft high.

③ 98
8262 *Borreria latifolia* (Aubl.) K. Sch. det B
Trailing herb. Flr. white

(2) ⁹⁹
82~~63~~ *Cassia diphylla* L. det D
Prostrate Flr yellow

(3) ³⁰⁰
82~~64~~ *Virola sebifera* Aubl. det B
"Lacre" large tree

(5) ³⁰¹
82~~65~~ *Tapura amazonica* Poepp. et Endl. det D
Shrub 5 ft.

(4) ³⁰²
82~~66~~
Shrub 2 ft. "jasmin de cachorro"
Latex

(unc) ³⁰³
82~~67~~ *Thyrosodium paraense* Huber det A
Shrub 6 ft. Flr. white

(2) ³⁰⁴
82~~68~~ *Cassia*
"abuta-rana" Liane

(3) ³⁰⁵
82~~69~~ *Banisteria reticulata* (Poir.) C.B. Rob. det Mel
Liane Flr yellow

(5) 306
8270 *Bertiera guianensis* Aubl. det B
Shrub 4 ft

(4) 307
8271
shrub 8 ft Flr white
"sapaleiro" Lvs used to dye leather

(4) 308
8272 (Leg.) *Inga auristellae* Harms det H
Large tree.

(2) 309
8273
Large tree.
5 coll

(5) 310
8274 *Dichapetalum vestitum* Baill. det D
Shrub 5-6 ft. Flr. grayish

(5) 311
8275
Large tree

(4) 312
8276
Tree "murto" Flr black when
ripe

(2) +1=3
313
8277

Lax shrub. Fl. deep red speckled
with pale green.
"capichu".

(2) 314
8278 Blepharodon
Vine Latex

(6) 315
8279 Solanum salicifolium Lam. det McV.
Lax shrub 4 ft. Fl. white

(5) 316
8280 Lagenaria
"jamaru" Vine.
8318 8281 Passiflora
Vine, terrestrial
Seed to plant.

(4) 318
8282 Tabernaemontana heterophylla (Vahl.)
Small tree. Fl. separate Latex
mucell.
det Woodson

(11) 8318 Sapium
Cerro Velho (Olaria pē No. 1)
Col. Dr FC Camargo 19-3-43
Seed to plant.

③ ~~omit~~

④ 8320. *Sapium*

Aldeia Parijós - Cametã
Col. by Benedito Coutinho
17-3-1943

Cuttings planted.

② 8321 *Sapium* ~~omit~~

Ditto local. & collector.

Cuttings planted.

~~unrec~~ 8322

shrub North Woods IAH

march 17 1943 Fl cream.

~~Woods~~

⑤ 8323 ~~unrec~~ *Lindackeria pauciflora* Benth. det D

~~no woods IAH~~

shrub 4 fl.

⑤ 8324 *Sloanea* $\frac{3}{4}$ *Kappleriana* Pulle det Mcl

"urucii-rana" Large tree

⑤ 8325 (Anon). *Guatteria*

"invira" Large tree.

Fiber from bark as cordage.

(4)

8326 Pogonophora schomburgkiana Miers

det McL

"ara cupuri" Large tree

Timber for construction.

(2)

8327 mourira

Shrub 4 ft. "Guajaray"

Fruit edible.

W

8328

~~Adage~~

Grounds of the IAN. Belem

for 8328-8482 see back of book

See identification of some
- J. A. Stevenson letter Sept. 1943

✓ Host listed
Aug 5 1952

Field data of Fungi.

H-428 Leaf spot on

Lonchocarpus urucu (cult.) plot of James
Cia, outskirts of Belem 7/6/42.

Prevalent on lower lvs of a few plants.

Apparently not severe.

H-429 Lf spot

On *Cola acuminata* P.Br.

Occasional leaf attacked. On cult. tree

- Museu Goeldi garden, Aug 6 1942

H-430 Lf spot

On cult. bean Jap. garden near Instituto

Agr. do Horto Belem. Aug 4 1942

Rather severe.

H-431 Lf. blight *Rhizopus*?

On cult bean. Same local. as H-430

Rather common + apparently causing partial
blight of ~~some~~ leaf

H-432 ^{cult} *Geoid.*

On *Passiflora* 7579 ✓

Severe. Inst. Agron. do Horto Belem

Para 8/15/42

H-433 Rhizopus?

On *Leonia glycyarpa* R + P.

attacking corolla of flr. severe.

Jardim Museu Boeldi, Para Belém

^{Aug}
~~Sept.~~ 15/42

H-434

On Lauraceae No. 7572 ✓

Fungus converts fls ^{8/14/42} into dusts dusty

white powder. Seed spec to

Britanecourt at Campinas.

H-435 Leaf spot

on *Tephrosia toxicaria* (7605) cult.

Belém, Para, Brazil 8/22/42

Always present on lower leaves.

But apparently causes no damage.

to plant. unless it be partial defol.

iation -

H-436 Rust

On M. Barbosa No. ~~1112~~ 10

São Joaquim, Para 8-28-42

H-437 Rust

common on ~~ced~~ Loranth 7634 ✓

Kilo. 18

9-5-42

H-438 Leaf spot

On sour lemon.

Kilometro 1.8 Oct 12 1942

Dr. F. Camargo Coll.

H-439

Parasitic on scale insect cult orange
ditto local.

H-440

Parasitic on scale insect? on jack fruit.
Ditto local.

H-441 Leaf spot

On *Hevea brasiliensis* cult.

Severe on some ^{young} plants + A.M. plots

10/18/42

H-442 Leaf spot

Ditto local.

Severe on some young plants.

H-443 Leaf disease. On ~~7-7~~ 46 ✓

Ditto local. north forest. 10/31/42

Severe on this tree.

H-443 *a*

Leaf ~~spot~~ + stem spot. *Bignonia*

On no 7713 *Adenocalymna*
alliaceae^{Lam.} ✓ cult. at Boy's track school
Belen 10/20/42

Apparently not causing ~~so~~ much
damage.

H-444 Rust

on *Passiflora* cult. ~~7579~~. 8048 ✓

Oct 29 1942 I.A.N. near
Bldgs.

H-445

Leaf spot on orchid South woods

I.A.N. 11-16-42

H-446

Smut? on Cyper. no. 7836 ✓

Kilometro 18 n of Belen Nov 17 1942

H-447 Leaf spot

On Ardisia no. 7944 ✓ South woods
IAH Dec 7, 1942

H-448 Leaf spot

On ~~Cordia~~ no. 8173. ✓ 18 K. N of
Belem Campo Lyro Castro property
of Fomento de Agricultura Jan 21¹⁹⁴³

H-449 Leaf spot Ascochyta?

On cult. tomato IAH Belem
Jan 20 1943 Severe.

H-450 Leaf spot

On Ardisia no. 8191 ✓ South woods
IAH Belem Jan 26 1943

H-451 leaf spot

On Caryocarpus no. 8202 ✓ rather
severe S. Woods IAH. Jan
30-43.

H-452 Leafspot

On ^{cult.} *Carica papaya* Jan 30 1943

I.A.N. ~~Rather~~ plentiful on all leaves
apparently causing death of older leaves
Prob. favored by rainy season.

H-453 Leafspot

On *Hevea brasiliensis*

Fazenda Urucurituba, Rio Tapajoz,

E. Para, Apr. 13 1943 Common on
tree but apparently not causing leaf fall.

H-454 *Catacauma huberi* P. Henn.

On *Hevea brasiliensis*

Horto Cypriano Santos, Belem, Para

Nov 7 1942 Col. F. C. Camargo

H-455 Leafspot

On *Hevea brasiliensis*, hybrid clone

GS-16. I.A.N. Belem Aug 29 1942

"mancha areolada"

Coll. L. Mendes

H-456 Rust

on cult orchid Bosque municipal

Belem.

Oct 3 1942

Coll FC. Camargo

H-457 ^{stem} Canker

On *Hevea brasiliensis* seedlings

IAN Belem May 14 1943 About 1/2

of several thousand seedlings were affected - a high percentage died, some recovered by sending shoot from root.

Canker nearly always at surface of soil. Spore bodies not present on some samples. The canker + spores appear usually while plants still alive. Great majority of plants had been cut or injured by hoes in weeding + cultivation. Had been a prior period of 10 days of extremely hot weather + little rain. Soil nearly pure sand. Possible that initial and main cause was injury from hoe; 2nd extreme heat combined with sand had produced a heat injury; 3rd The fungus entered as secondary or wound parasite to complete the girdling of stem. (This fungus might be the *Diplodia* sp. (p. 279) or the die back fungus mentioned as attacking seedlings

in Sharples, A. - Diseases & Parts of
the Rubber Tree, p. 279, 342-345,
and p. 50..

H-458 Leaf spot

On 8443 ✓

Utinga. Severe on some leaves.
Nov 8 1943

H-459 Polypore

On tree trunk

Belem: On property of I.A.N., near Rio
Guayana. Latter half of 1942.

The ^{host} not known if nor if tree was dead or
alive.

H-460

On white fly attacking cult. rubber

Common

May 19, 1945 Cult plots

I.A.N.

H-461

On white fly attacking Psidium sp.

near Guest House I.A.N. on small cult
plant. Common on coll. by Merga May 25 1945

H-462 Smut?

On *Dichroma pubera* Vahl

Belem: IAH along roadside.

Common in spots, affecting usually
4-5 heads in each clump.

May 15/1945

H-463

On 5 yr old nursery trees of *Hevea brasiliensis*

Plots of IAH. Feb. 12/1945

Only a few trees affected in this plot

and only a few ^{of} leaves on each tree.

Largeness of ^{areas in} spot may be due to preceding
period of 8 day constant rain.

(A few dead leaves from ground.)

H-464

Leaf spot on cult. *Loucheocarpus utilis*

Plots of IAH. Affecting about $\frac{1}{3}$ of lvs
+ causing considerable defoliation.

In same plot. *L. urucu* not affected.

Feb. 14 1945

H-465

Rust on cult Guadua

Museu Boeldi May 25 1945

General infection of ~~plants~~ foliage

H-466

Rust on cult bamboo

Museu Boeldi May 25 1945

General infection of foliage

H-467

On living stems of Convolvulaceae
Archer no. 8454 ✓ Stems lying on
ground. IAH June 2 1945

H-468

Blight on yg frts of Archer no 8452 ✓
IAH June 2 1945

H-469

On dead stick Grounds of IAH
June 11 1945

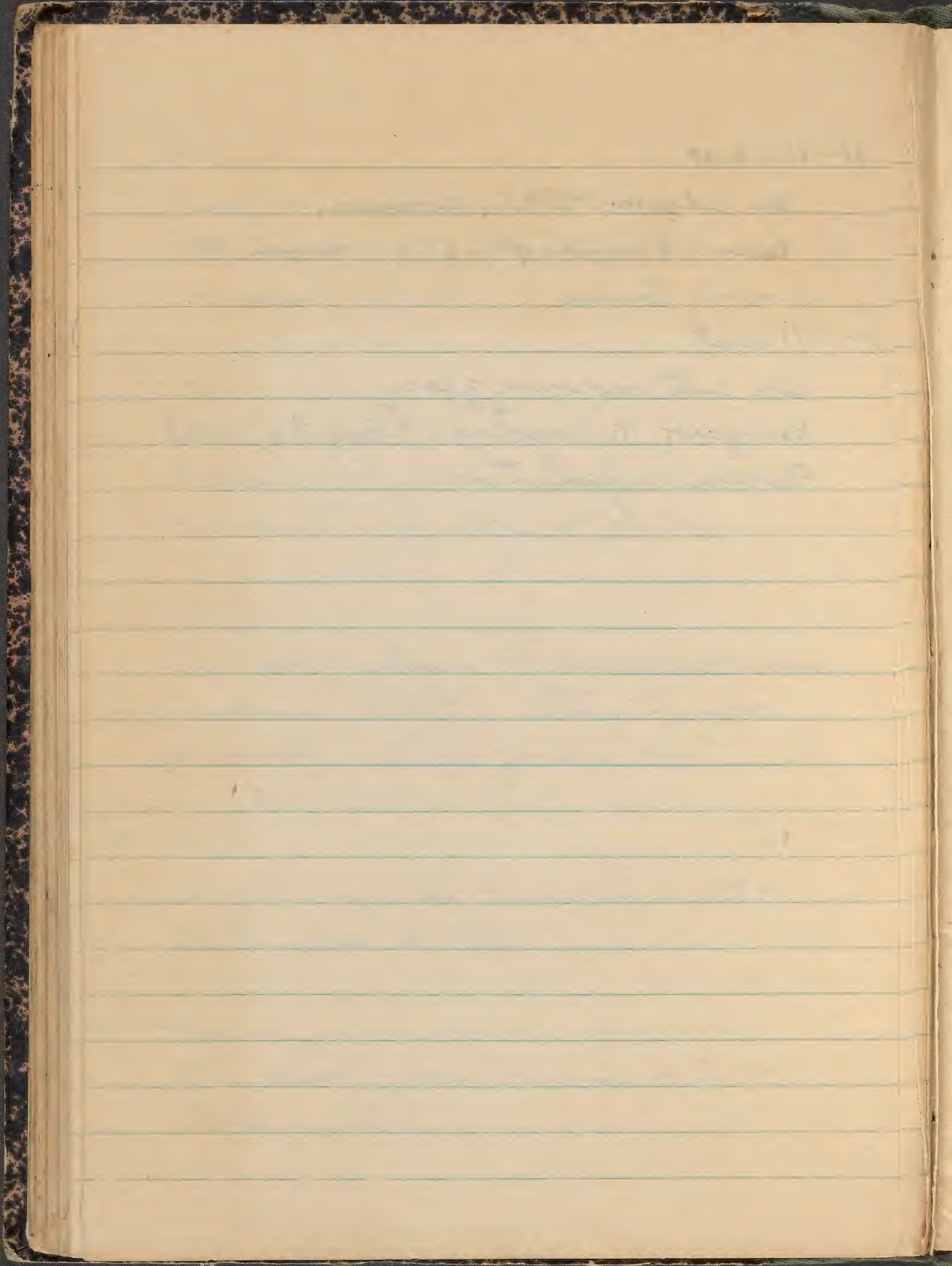
H-470 Rust

On sedge no. 8459 ✓, Common.

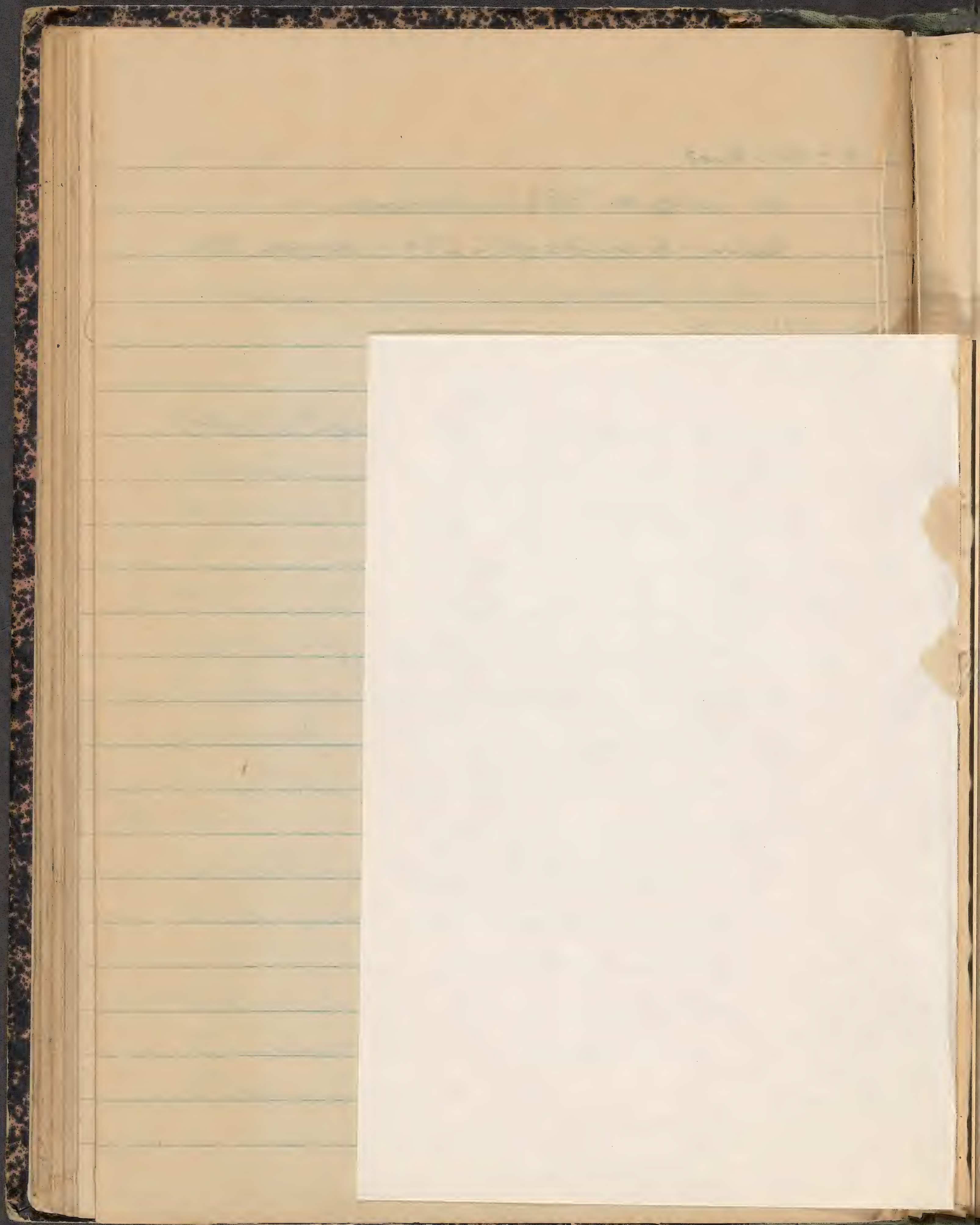
Belem: Grounds of the IAN March 1945

H-471 Rust

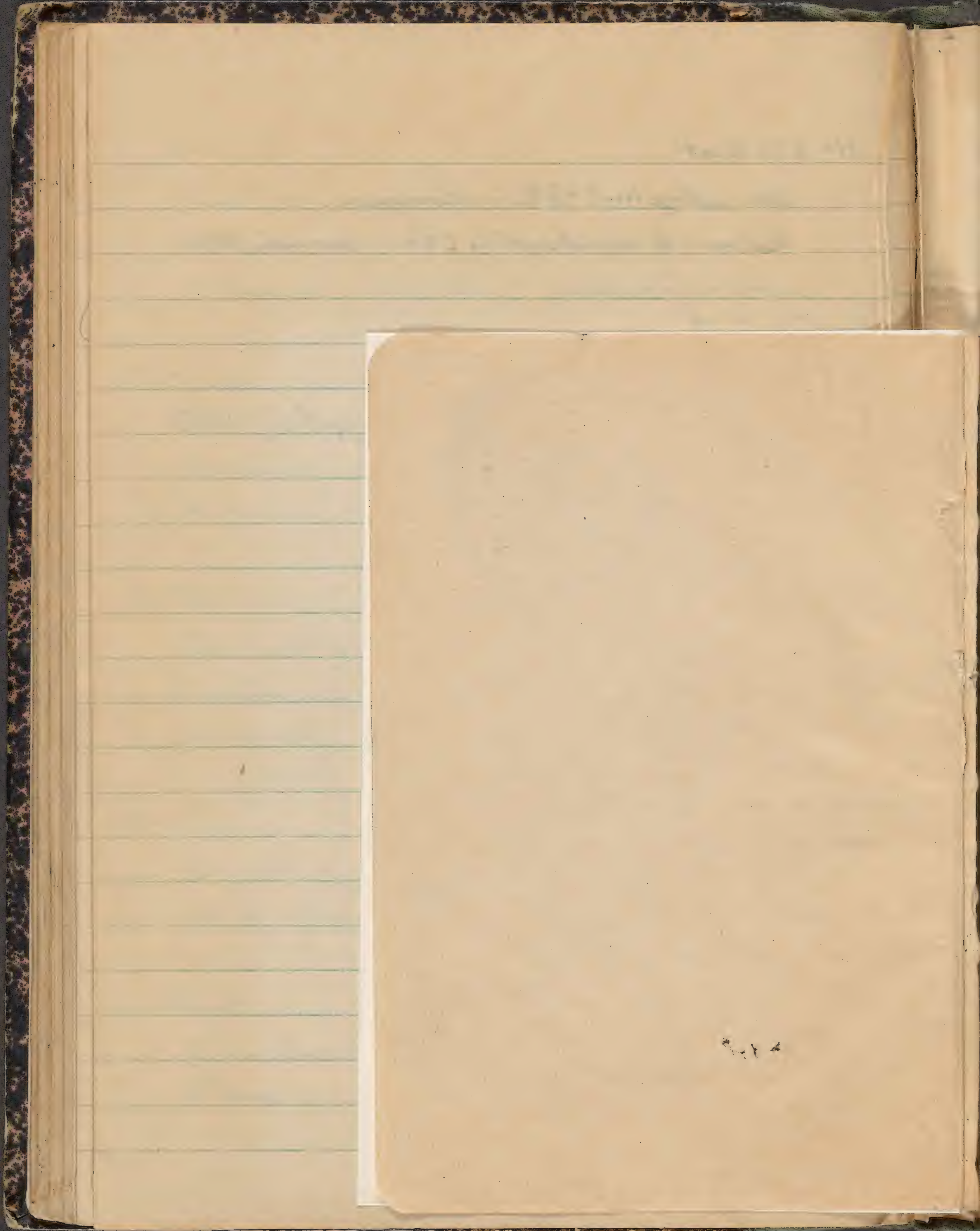
On cult morning glory
Burgaw, N. Carolina Sept 6, 1948
Severe infection.



8328-8482







③ 8328 Bromelia? Ananas?

Santarém, April 4 1943

"Gravata" ~~the~~ Leaves 2-6 ft. long.

Used locally to extract fiber.

Yg plants to IAN.

④ 8329 ^{Ornit} Cactaceae = 8349

"jaramacari" ^{de palma} cult.

Planta de 20 pés. Santarém

April 4 1943. Flower ~~red~~ ^{stock food?} spineless

Seed & cutting for IAN. Photo

R XI-9

④ 8330 Myrcia

"pedra-hume-caá"

Santarém, outskirts, April 4 1943

Lvs used as cure for diabetes

Shrub, ^{3-4 ft} scanty, flt red.

Lvs sent to Moore for study

Roots to IAN. to plant.

8331 - East side of Santare April 8 1943

② 8331 Sedge

③ 8332 *Solanum salviifolium* Lam. ^{det Mel}
Shrub 3 ft. Fl. white

② 8333 (Bign.)
Liane vine.

③ 8334 ~~leg.~~ Bauhinia
Small liane "Pé de boi"

② 8335 *Cassia arborea* (Rich.) Urb. ^{det Mel}
Large tree

② 8336 *Clusia*
Epiphyte. "cebole braba"
yellow latex

② 8337 *Amasonia hirta* Benth. det B
Floral bracts reddish

③ 8338
Large tree

② 8339
Shrub 4 ft.

② 8340 *Byrsonima sericea* DC. det Malt
"mucous - vermellu"
Shrub 5 ft. Bark used dye leather

② 8341 *Gran.*
common

② 8342 *Simarouba amara* Aubl. det B
Large tree

(2)

8343 Protium

"Bren Franco" Small tree
resin from trunk used to ~~calk~~ calk
boats & canoes. Fruit red

(3)

8344 Myrcia

"Cumaté" Large tree.
Bark used to dye "curias"
dark blue. Ripe fruit blue-black.

(5)

8345 Myrcia

Shrub scanty, small leaved
variety? of 8330?

(2)

8346 (Leg.) Inga fagifolia ^{at H} Willd.

"ingá" Fruit with whitish sweet
pulp around seed. Eaten by
children of region. Med. tree
spreading top.

det B
④ *formosa* (Jacq.) K. Sch.

8347 *Pandia* Santarem. 4-6-43

"azucena" Cult. shrub. Irregularly
branching. 8 ft high. Flr white.

Frt yellow when ripe.

Seed to plant IAH.

② 8348 *Canavalia ensiformis* DC. det D.
~~Mucuna?~~

Rtth local. Cult. in veg. garden

See photo. "feijão Paulista"

49 ft sliced & used in soups & a
stews. Bush type growth

4 ft high Flr. lavender. Seed

white, ~~black~~ ^{brown} hilum. To plant IAH.

Photo RXI-8

③ 8349 *Opuntia* 10 ft high
arborescent. Cult. Rtth local.

Spineless. Flr. red. (Photo ^A XI-9)

Cuttings & seed for IAH.

Apparently for NE Brazil where have
extensive cult. as cattle food.

8350 —

Fazenda Wucuritiba
Opposite Fordlandia on Rio
Tapajós State Para April 13 1943

(4) *Dolioscarpus*
8350

"Cipo de fogo." Liane Fruit red
dehiscent & expose black seed surrounded
by whitish pulp. Juice of yg leaves
blister skin. Pliant stems used
as cord or rope.

(3) 8351 (*Pubia*) *Alibertia edulis* A. Rich ²⁰⁷
"puruby" Small tree. Fruit
black when ripe, edible, & savory.

²⁰⁸
(2) 8352 *Bactris maraja*? Igapo.
"marajá" Slender stem 15 ft high
Frt dark red-black. Edible
savory. Lf 3-4 ft long. Seed to
stem spiny. plant

③ 8353 *Desmoncus* ^{*polyacanthos?*} sp.

"jacitara" climbing

Stem strips used to weave baskets,

3 and ^{cured} *Crastogeomys* sticks, etc.

Seed & plant. Fruit ^{red} ~~orange~~ color.

② 8354 *Eugenia* sp.

"araga de igapo"

Shrub 8-12 in high, branches

semi-recumbent. Fl red.

pulp acid. Eaten by feral

⑥ 8355 *Grac.*

Prostrate on sandy beach.

③ 8356 *Plumbago scandens* L. det B

Leafy herb up to 4 ft high. Fl white

Juice of lf. plaster skin. Used here
as mustard plaster.

"Laveo"

② 8357 *Tamarindus Indica* L. ^{var H.}
"Tamarindo" Large tree, drooping
spreading top. Frt pulp used in
drinks + sherbets. Cult.

③ 8358. *Jambosa vulgaris*
Cult. "jambu de praia"
Flr white

② 8359 (*myrtac.*)
~~*Mouroua* sp.~~
"Goyabarana" Small tree
Frt 3x2 in. flattened at ends.
Frt lemon yellow when ripe..
Pulp acid. Pulp + kernels eaten
eagerly by hogs. Kernel tough +
no flavor. Children sometimes
eat. pulp.

5 8360 *Bombax spruceanum* (Dene) ^{l) ucker det. Wel}
~~paracense~~

"munguba preta" Large tree. Flr.
bracts dull red. Bark macerated
~~pubescent~~ chopped & boiled, gives
red dye - used for cloth & esp. sails.
Bark also produces fiber for cordage
Silk from pods used for pillows.

8 8361 *Sapium* "da praia"
Large tree. "tataruginha" Has
less latex than ^{some} other species
Fish eat seed. In igapó
Seed & plant

8362 -

Fazenda Urucurituba,
igapó west of. April 14, 1943

3 8362 (Orchid) *Brassavola* ^{det. Byer}
Epiphyte on dead tree. Raceme of
white flrs, cream spot in center
Plants for fan Perfumed at night

(4)

8363 Gram.

Aquatic. "Canarana" "Capim
pirimemboca" Forms huge floating
islands. Natives often tow them & load
for stock.

(4)

8364 Oryza

"Capim arroz" Aquatic.

Seed & plant. Seed eaten by
natives like rice. Seed for TAN

(2)

8365

Parasitic. Abundant. Frt orange
red.

(2)

41=3
8366

Aquatic with white air bladders.

(6)

8367 Jussiea sedoides Hum. & Bonpl. det B

forming rosettes
Aquatic Flr. yellow petals 4
new

(3)

8368 Polygonum ferrugineum v. incanum
aquatic. "Tabaco de piece boi" (Meisn.) Small
det Mel

~~Fls~~ Leaves eaten by that animal.
Fls pink.

③ 8369 *Symmeria paniculata* Benth. ^{det McV}
"Tucunare-ari" Fl. used as
bait to catch pacu and others
large tree.

③ 8370 Gram.
Aquatic.

④ 8371
Aquatic, Fls. orange color.
Fls. yellow Petals four.

③ 8372 Gram.
Aquatic

③ 8373 *Caperonia castaneifolia* (L.) ^{det McV} ~~St. Hil.~~
"Quia" "Quiaborana"
Fls minute, white. Fish eat seed.
also forage for cattle.

④ Buchenavia (n.sp.?) det D.

8374 ~~Aliberta~~?

"purnhy" small tree. Fruit used
as bait to catch fish.

③ 8375 Gram.

Aquatic. Lf with purplish cast

④ 8376 ~~Oryza~~

"arroz ~~isaba~~ bravo"

Seed eaten by natives. Food forage
Aquatic. Seed to plant

⑥ 8377 Bombay munguba mart. + Iuc. ^{det M. L.}

"munguba franca" large tree

Stems & ~~fracts~~ white, fracts
white inside, brown outside

Fruit separate. Bark used to

make red dye. Also bark beaten
in water + residue ^{of fiber} used

to make rope

Site always ^{is} inhabited by ants

8378 -

(1K m of) Urucurituba Fazenda
↓ Rio Tapajoz. April 15 1943
Terra firme

(4) 8378 *Saccharum officinarum*.
Cult. sugar cane.

Blossoms every year. Plantation
is over 50 yrs. old. Very sweet &
good sugar producer. "canna de
cutter for FAH. asucar"

(4) 8379 *Manihot*, aff. *amazonica* ^{det. M. V.}
Lax under shrub of forest.

Latex scanty in stem but copious
in peduncles of fruit & lvs.

Seed for FAH "maniva de oado"

(3) 8380 *Lindackeria maynensis* ^{Exch.}
Small tree, fruit pale brown ^{det. D.}

L. paludosa (Blk.) Galg.

det. M. V.

(10)

8381 *Sapium*

Small tree in forest. "Burra
leiteira" Copious latex.

Seed & cuttings for IAH.

(3)

8382 *Mimusops huberi* Ducke

"massaranduba"

det D.

Large tree in forest. Latex not
abundant. Fruit edible

Cuttings for IAH but

(3)

8383 *Ficus*

Huge tree, buttress formation.

"caxinguba" ^{sometimes} Copious latex

It is used to assist in the coagul-
ation of Hevea latex. In forest

Bark white. Fruit not seen but said

Cuttings for IAH. to be yellow

③

8384 *Citharexylum*
spreading shrub 10 ft high Fls
red.

②

8385 *ore*
Forming turf in clearing

③

8386 (menth) *Marsypianthes chamse-dryps*
"paracari" (Vahl.) Kuntze
det Free

Fls. lilac. Juice expressed from
leaves & taken internally for
snake bites & any poisonous
bite. In clearing.

④

8387 *Paspalum ovata* (over)
"Capim mium" Introduced
but now well established. In clearing
Forming extensive associations
crowding out other plants.
Apparently well adapted for grazing
because of vigorous rhizomes

Photo
R X 3-1

Is harvested as hay.

- (4) 8388 *Boerhaavia coccinea* Mill.
~~*Boerhaavia*~~ *paniculata* ^{det B}
"pega-pinto" In corn field.
Fls red. Root cooked and used ^{root infusion}
as poultice on wounds. Also taken
as tea for liver complaints due to
malaria. One man locally
used to sell a preparation from
the root for liver trouble:

- (4) 8389 *Talinum paniculatum* (Jacq.) <sup>det McV
Willd.</sup>
"caruru" In corn field. Common
also cultivated. Fls pale yellow.
Stems & lvs fleshy. Used in green
salads also cooked in soups.
Reproduced by cuttings
Seed + bulbs for TAN
Blanched before using
Bulbous root

⑦

8390 *Sapium*

"Tartarugueinha" da matte "

"Medic Tree. terra firme."

Latex not abundant.

④

8391 *Laetia*?

Small tree. Terra firme.

③

8392 *Bra*

In clearing

②

8393 *Paspalum furcatum*

"Capim pancuan"

In clearing. Good forage.

Spreading by runners.

②

8394 *Apiosba tibourbon* Aubl.

"pente de macaco" det. D.

Tree fls. yellow. T. f.

Bark gives good fiber for rope
& string.

(unic)

Landolphia

8395 ~~Cecropia~~?

"Liana": Copious latex

Cuttings for IAH

apparently rubber

③

8396 *Panicum megistum*

"capim taboquinha"

Good forage. ^{dense} Forming association
in dense shade & in open.

③

8397 Gram *Panicum*

In shade, Igapo. "taboquinha"

②

8398 ~~Gram~~ *Panicum*

In shade Igapo. "Barba
de pau" Resists dry summer
good forage.

*8399 *Alpinia*?
"vindecaã" In forest
Seed for IAH. Ornamental.

*8400 *Ipomoea batatas*
"Batata doce" Tubercle to plant
for IAH.

*8401 Orchid.
"orelha de burro" Ranch here.
For IAH. 1 plant.

8402 -

Igapo ^{and campo east} ~~west~~ of Fazenda.

Urucurituba. Apr. 17 1943

(3) 8402 *Paullinia*
Vine. Campo
Seed for IAH

(2)

8403 Panicum

"Taboquinha" Clambering ^{campos}
Reed like stem. Good forage

(4)

5404 Strychnos

Small ^{leaves} ~~seed~~ Fl yellow. Campos
Seed for IAN

(4)

5405 Gram

"capim de junta" Forming
association in campos.
Whole plant used as tea for
diuretics.

Seed for trial as lawn IAN

(2)

8406 Gram

In Campos Prostrate, almost.

(4) 8407 *Mabea* ^{det Mel} *paniculata* Bth.
~~aff.~~

"Taguary" or "tatarugua"

Small tree. Latex abundant in
young stems but not in trunk.

Small stems used to make pipe
stems. Igapo.

• Seed to plant IAH

(4) 8408 *Ouvatea*

Igapo. Flr yellow, scented.

Fr fruit black, peduncle ^{chungle} red.

Shrub 4-7 ft. Irregular branch
ed.

(9) 8409 *Sapain*

Igapo "tataruguiinha" da praia"

Small tree. Latex abundant
in twigs but not in older wood.

Seed for IAH.

⑧ Simaba

8410 *Simaba*

Igapo. "ma marupá de
igapo" Shrub 8 ft. Frt
some in clusters of 3. ca 1 x 2
in. Red & shiny when ripe like
plum. "Carpels developed usually 1
Seed to plant F.A.N. 2, 3 & rarely 4
Photos RX 3 9 & 10

③ 8411 *Jussiaea sedoides* Humb. & Bonpl. det B

"aquatic" "mururu"
Leaves
forming rosettes on surface of water
Fls yellow, petals 4

③ 8412 *Salvinia radula* Baker det C.V. Morton

aquatic in igapo

② 8413

Sedge forming extensive islands
in igapo.

(4)

8414

"olha de onça"

Aquatic in bays & igapos.

Fls white with purple center.

(4)

8415 *Macrolobium acaciae-*
folium. "Arapary"

Med. tree. Globose top with
branches drooping at tips.

Edge of igapo. Wood soft
used to make boxes.

8416 —

near Faz. Urucuritiba

Apr. 17 1943

(5)

Barreria oxyanoides (Burm.f.) DC.
8416 ~~*Jussiaea oxyanoides*~~ Humb. & Bonpl.

"merum-caa" Herb 2 ft high

Lf infusion used for kidney disease

③ 8417 *Cyperus radiatus*
"barba de bode"
In campo. Forming associations

③ 8418 *Gram.*
Aquatic, edges of river
~~marsh~~

③ 8419 *Cereus*
"rabo de jacaré" Epiphyte
forming short central stem, 3 wings
about 2 ft long. Flr. white
Cultured for ornamental. FAN
yg. tissue produces delicate spines.

② 8420 *Simaba cedron planata*
~~*Simaruba*~~ det. D
"pau para tudo" Small slender
shrub.

8420 a

Igapo East of Fazenda Uru.
April 18 1943

④ 8420 a *Cratopteris pteridioides*
aquatic. Sterile. (Hook.) Hieron.
det Morton

④ 8421 *Costus* sp.
"cana brava" Decoction F. ferns
Decoction of ~~plant~~ ^{root} take to
cure gonorrhea.
Said to be a cure. Causes intense
urination. Lvs fleshy
Seed to plant. FAN.

③ 8422 Orchid
Flr. yellow

③ 8423
Tree, medium.

③ 8424 mono. Iridaceae?
Petals Flr. pale lavender tinted
In wet clay partial shade
Bulbs for FAN ornamental

Barb. Rodr.
② 8425 *Astrocaryum princeps* 1
" *Tucuma-assu* "
Seed only for Seed Coll.

Photo R X 3-8
The frt. raceme is erect not pendant.
Frt fall white green, turn yellow
afterward. Pulp eaten with
farinha by natives. Pulp only
can extract oil from pulp but
not done here Terra firme
Seed for F&N also term. bud is
used as "palmito".

(?) sp. det B.
③ 8426 *Cordia goeldiana* Hub
" freijó " produces large ^{large} ~~large~~
tree. Wood used for rafters but
not for floors. Light wood
It is a pest in fields because when
cut down new shoots arise
from roots. Enlarged nodes
Roots for F&N ^{inhabited by} ~~inhabited by~~ fire ants

0
* 8427 *Lucuma pariry* Ducke var. D
"pariri" Huge tree. Frt greenish
ovoid, about 6 in diam. contain-
ing 4-5 seed. Edible but acid.
S. Col Seed to Plant IAH.

② 8428 *Duroia*
"puruby ~~de igapo~~" grande"
Scanty shrub. Frt black when
ripe. Edible. Igapo.

* 8429 *Dioscorea*?
"cara do ar" Cult. at
Fazenda Aerial tubers are
cooked and eaten.
Tubers for IAH

* 8430 *Psidium*
"goyaba" Cult. Frt large
Seed for IAH

"*Capim pancunzinho*."

② 8431 ~~Co~~ Onam

Lawn of Fase da Uru, ^{native} ~~grass~~
Resists pasturage. Turns
Roots & plant TAN. yellow in summer.

③ 8432 —

morro do Chapen de Sol

10 K. n of Faz Uru. April 19/1943

Collected Eymar Franco

④ 8432 *Sapium*

Large Tree. Copious latex
Cutting for TAN Fruit strongly
ribbed. i.e. star-shaped in cross
section

⑤ 8433 *Sapium*

medium tree, ^{Bark red.} Latex very abundant
Seed & cutting for TAN

⑥

8434 *Hevea lutea*?

Trees are tapped for rubber. One of
30 in group.

Seed + seedling for FAN.

⑦

8435 ~~Cucurbit~~: *Gran*

~~Vine~~. In shade L.v. has
corrugated aspect. Forest floor.
"Taboca"

⑥

8436 *Sapin*

"burra leitara" Tree.

Seed for FAN near Fazenda Muru
April 19/1943

⑥ ~~univ~~

8437 Palm

Morro do Chapim de Sol

10K n of Foz Uru Apr 19/1943

Roots for FAN Plant 4ft high
stem spiny

*

8438 *Hevea brasiliensis*
Ruth local. (Huge tree
Gives 3 liters at ~~each~~ ^{each} tapping
Germinating seed
& seedlings for F.A.N.

8439 -

Sandy beach at Tapary on
Rio Tapajós. Apr. 21, 1943

③ 8439 Gram.

② 8440 Gram.

③ 8441

④ 8442 Sedge

8443 *Guatteria*

"ova de matto"

Utinga, near IAH Nov 9, 1943

Large tree Fls black when
ripe edible

H-458

S. I.

8444 *Ptychopetalum*

olacoides Bth. det Archer

"meiró - puama"

Shrub, Utinga Nov. 9, 1943

Analys. material to corsal

Wormwood from market.

sterile shoots from yg roots

8445 *Andropogon squarrosus* L.

"patecholi"

Cult grass. IAH Belen

Nov 9, 1943

roots as moth repellent for cloth.

8446 *Bidens cynapiifolia* HBK. ^{det B}
IAN weed - wanted.
Dec. 1943

8447 *Basella rubra* L. ^{det B}
"espinafre"
Cult. IAN Dec 1943
Climbing. Fls white, with
rose tint. Frt dark
blue black.
Cooked as spinach

8448 *Amaranthus gracilis* Desf. ^{det B}
"caruru do Sul"
Cult. as greens. IAN
Dec 1943

Curcubita
8449 *Phytolacca rivinoides* Kunth ^{Bouch}
"caruru do Soldado"
cult IAN. used as greens

det McL

Willd.

8450 *Talinum triangulare* (Jacq.),

"caruru"

Cult. IAN Dec 1943

used as greens. Better

than spinach - U.S.

Witt

8451 *Ryania pyrifera* (Rich.),

"mata calado"

det D

Bosque Municipal Nov 1943

Shrub. Poisonous. used kill dogs

Root spec for analysis

Washington

11

100

2891-2892

8452 *Sida linifolia* Cav. ^{det Muhl}

Vacant ground, IAN, near main Bldg.

May 28 1945. Slender erect herb.

about 1 m high. Flr. white ^{cream before} after opening.

^{Foliage} Slightly gummy. Some stems ^{+ all petioles}

~~most~~ ^{with} purplish cast. Most of leaves ^{purplish} margined.

Flr. buds ~~red~~ cream, petals white ^{with}

Flr opening in short while at noon, the petals soon collapsing.

8453 *Pueraria javanica*

Cult. cover crop IAN.

1st season of trial here but

app. very successful

May 30 1945. Flr. greenish

outside, purple marked inside

rooting at nodes Bushy vine

about 2 ft high.

purple spot
at base

det. B
(L.) & used.

8454 Jacquemontea tamnifolia
Grounds of IAH. weed.
Small terrestrial vine.
Flr. blue. June 2 1945
with fungus H 767

8455 Tephrosia nitens Bth ^{and D}
"timbo-caa"
Grown ^{exposed plots} ~~in greenhouse~~ IAH
^{sterile} from plant sent in from
Commissioner of Indians,
Alto Rio Capim, Pará.
Nov. 1942. Used by Tembes
Indians to poison fish.
J ~~May~~ Dec 1943

"grama inglesa"

det Swolle

Schraupf

8456 *Stenotaphrium americanum*

Cult. on lawns I.A.N.

Apr 7 1945

Grows well on poor soil,
resists drought, controls
erosion. Spreading by
runners.

8457 *Sida linifolia* Cav. det Knud

Slender erect shrub, ^{2-4 ft high} ~~1-2 m tall~~

Flr pale cream in bud, white
when open. Flr. opens briefly
at midday the petals soon
collapsing. Plant has ~~to~~ have
slightly rank odor when
crushed. Not common.

I.A.N. grounds. May 28 1945

(unicate)

8458 *Pseudema*

seta.

Shrub, unbranched, 2 ft high.

In capoeira near dwelling
of Ian. Fls. light red.

May 25/1945

② 8459 *Cyperus flavus* (Vahl) ^{det H} Nees

Belem: common on grounds of

Ian March 1945

with Rust H-470

8460 *Oncidium iridifolium*

det Emilia Dyer

Estrada front of Ian. Belem

June 29, 1946

Frequently epiphytic on cult.

citrus. Fls. lemon yellow
with pale brown markings at
center

~~unicate~~

8461 (Fem)

Growing on stone gate at home of
Paul Le Coite, Belém, Para
Sept 18, 1946

8462 *Ugnadia speciosa* ^{Endl}

N.H.S. seed only - for hot arb.

Mesilla Park N. Mex 5 mi S of

July 26 1947

From cult. plant.

orig. from ^{nearby} Organ Mts

NEW MEXICO, July 1947

8463 *Lycium torreyi* A. Gray

"mayberry"

Brazito, 5 mi S. of Mesilla Park
Park, Dona Ana Co.

4 ft high; Flr. purplish, Frt. red
eaten by birds, also used to make
pies.

8464 (comp)

"niggerhead"

weed in dry places; perennial root;
foliage blue green color; crushed
leaves smell of varnish

Brazito, 5 mi so Mesilla Park,
July 1947.

8465 (Cyper)

Bank irrigation ditch -
ditto local + date

8466 (asclap.)

Bank irrigation ditch. Vine;
flr. red-purple color, fetid
odor.

ditto local + date

8467 *Holcus halepensis* L.

"Johnson grass"

ditto local. & date.

First crop of seed are generally infected with a smut. The fungus has appeared in the region comparatively recently. i.e. since 1914

8468 *Tamarix gallica* L.

ditto local. & date

"salt cedar"

Introduced but frequently escaped and well established forming thickets along Rio Grande.

8469 *Aster spinosus* Benth.

Dry soils.

ditto local. + date

8470 *Solanum elaeagnifolium* Cav.

"Trompillo"

ditto local + date.

Common + troublesome weed
especially in dry ground.

Fruits used by natives to curdle
milk.

8471 — 8478 use Cult. label
all same data + local. # 8463

8471 *Chilopsis linearis* (Cav.) ^{sweet}
"desert willow" _{sweet}

Native plant of locality brought into
cult. about 35 yrs ago.

mature frts. from last yr.

8472 *Arundo donax* L.

From cult. clumps but also
common along irrigation
ditch banks throughout
Mesilla Valley.

8473 *Poinciana gilliesii* Hook

"Bird-of-Paradise flower"

ditto local + date

Commonly cult. shrub in gardens
of the vicinity. Frequently an
escape and established even in
under arid conditions

8474 *Nerium oleander* L.

Plants ~~some~~ occasionally ~~subject~~
killed back by frost.
mature frts of last year.

8475 *Dichrondra* sp.

Grown under irrigation as
substitute for grass as a lawn.
Does not require mowing, but
disadvantage is sensitive water
requirements.

ditto local & date

8476 *Ulmus parvifolia* Jacq.

"Chinese elm"

Recent introduction to Valley.
Has objectionable weed-like
qualities - due to root shoots &
spreading by seed.

(Seed from ground under tree)
~~last year crop~~

ditto local & date

8477 *Polygonum auberti* L. Henry
Perennial vine, trained on
trellis. Ditto local & date

8478 *Wistaria sinensis* D. C.
Ditto local & date.

8479 *Penstemon lanceolatus* Bth.
steep, rocky, dry slopes. ^{det W.A.A.}
Gila National Forest, Grant Co.
N.M. July 1947
Flr. scarlet.

8480 *Cyperus esculentus* L.
"nut grass"

Brazito, 5 mi S. of Mesilla Park,
Dona Ana Co. N.M.

Bad pest in irrigated flower
beds.
march 1950

8481 *Ribes aureum* Pursh

"flowering currant"

Cultivated Ornamental. Flr.

yellow. Irrigated.

Same date & local as 8481

Host of crown rot - *Fomes ribis*
see Pl. Disease Reporter for Apr.

1950

8482 *Sambucus mexicana* Presl

"mexican ash"

Common in cult. Las Cruces,
New Mex. Dona Ana Co.

Produces dwarf tree about
6-7 ft. high. Evergreen.

